Quantitation Report (Qedit)

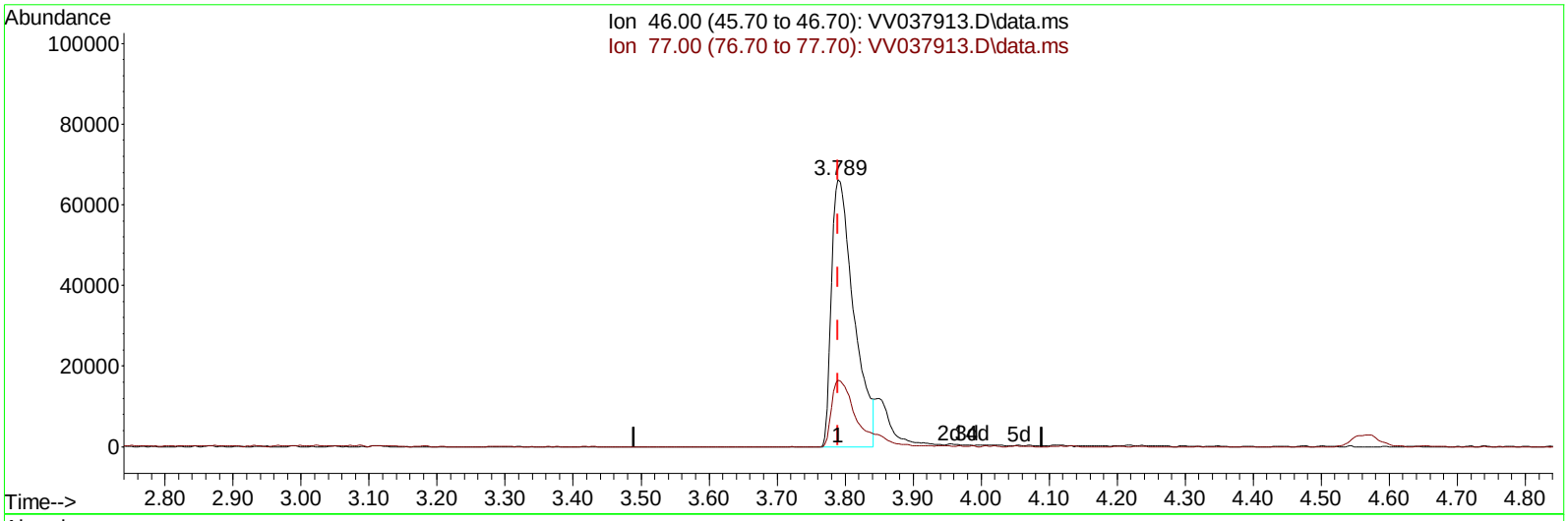
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102324\
Data File : VV037913.D
Acq On : 23 Oct 2024 10:25
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

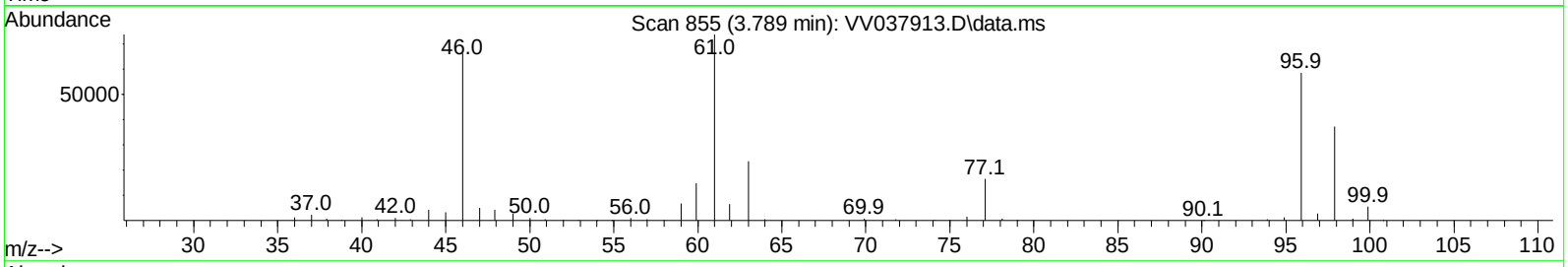
Quant Time: Oct 24 01:43:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 22 05:07:16 2024
Response via : Initial Calibration

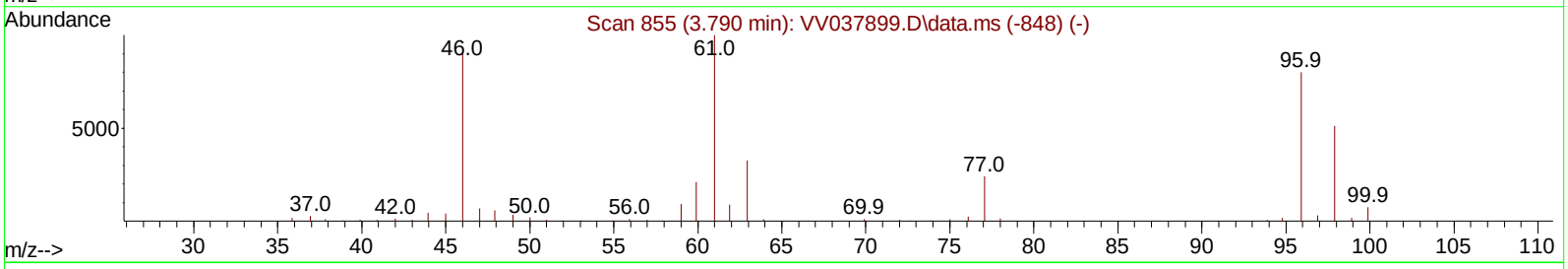
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024







TIC: VV037913.D\data.ms

(21) 2-Butanone-d5 (S)

3.789min (-0.000) 102.80 ug/L

response 150932

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	25.70	28.71
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

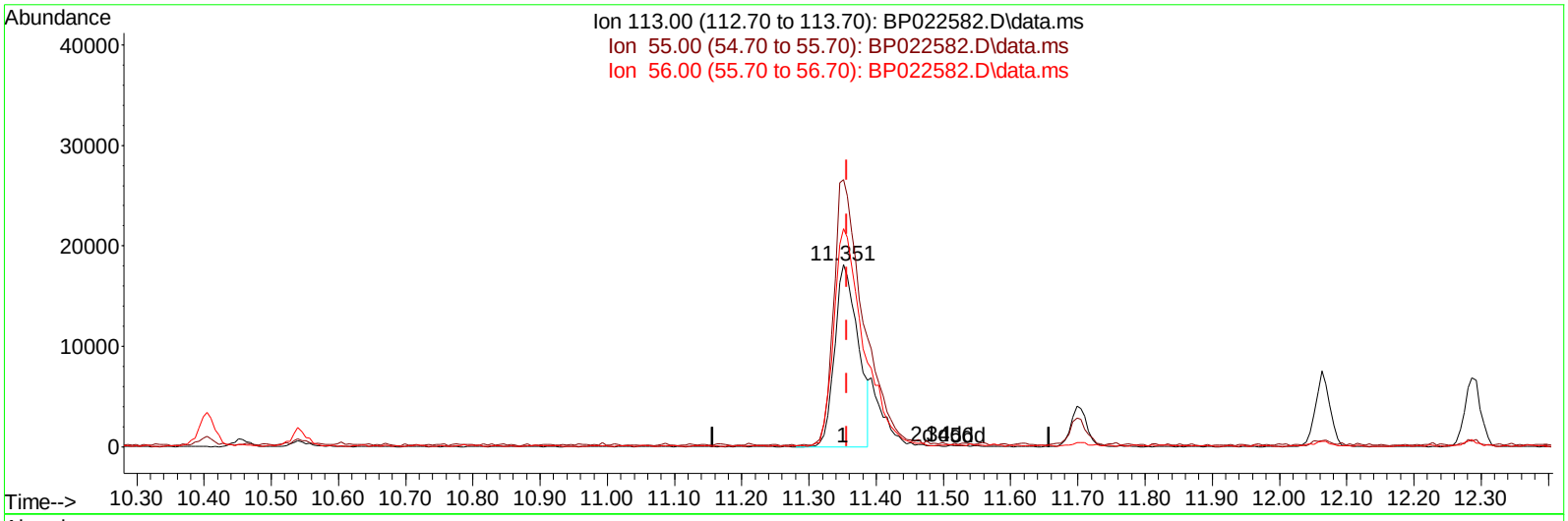
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022582.D
Acq On : 24 Oct 2024 11:00
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

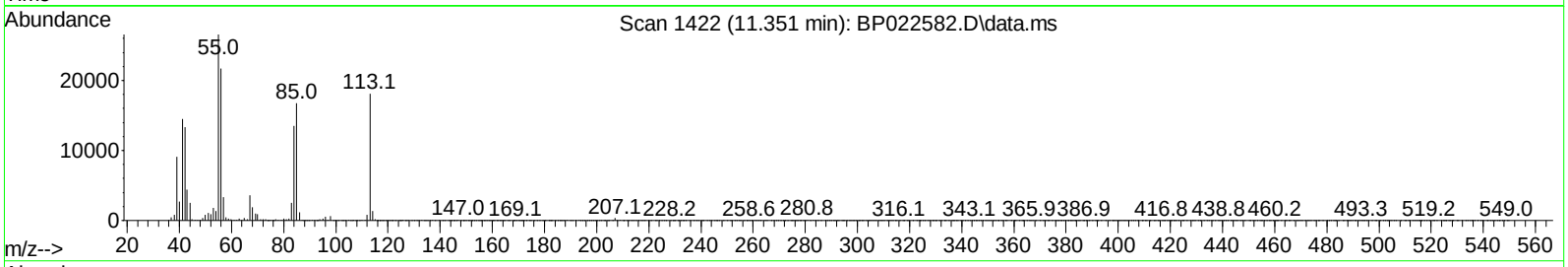
Quant Time: Oct 24 12:23:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

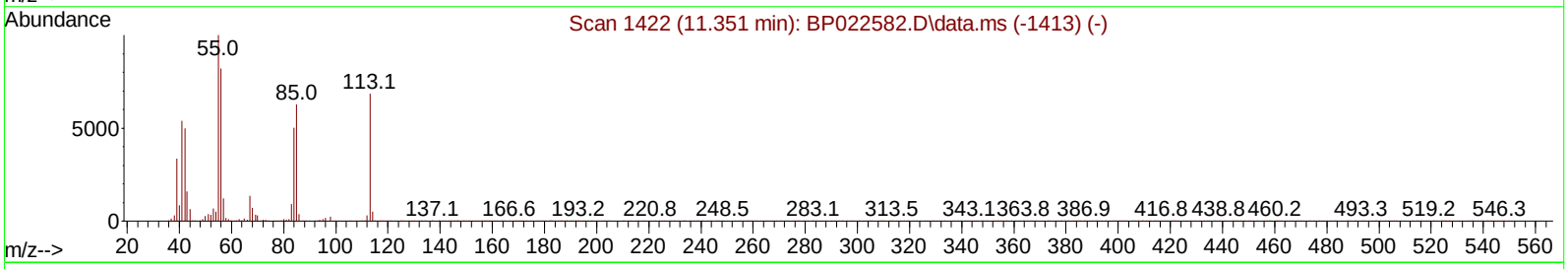
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024







TIC: BP022582.D\data.ms

(34) Caprolactam

11.351min (-0.006) 16.18 ng/ul

response 43701

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	146.73
56.00	130.00	119.74
0.00	0.00	0.00

Quantitation Report (Qedit)

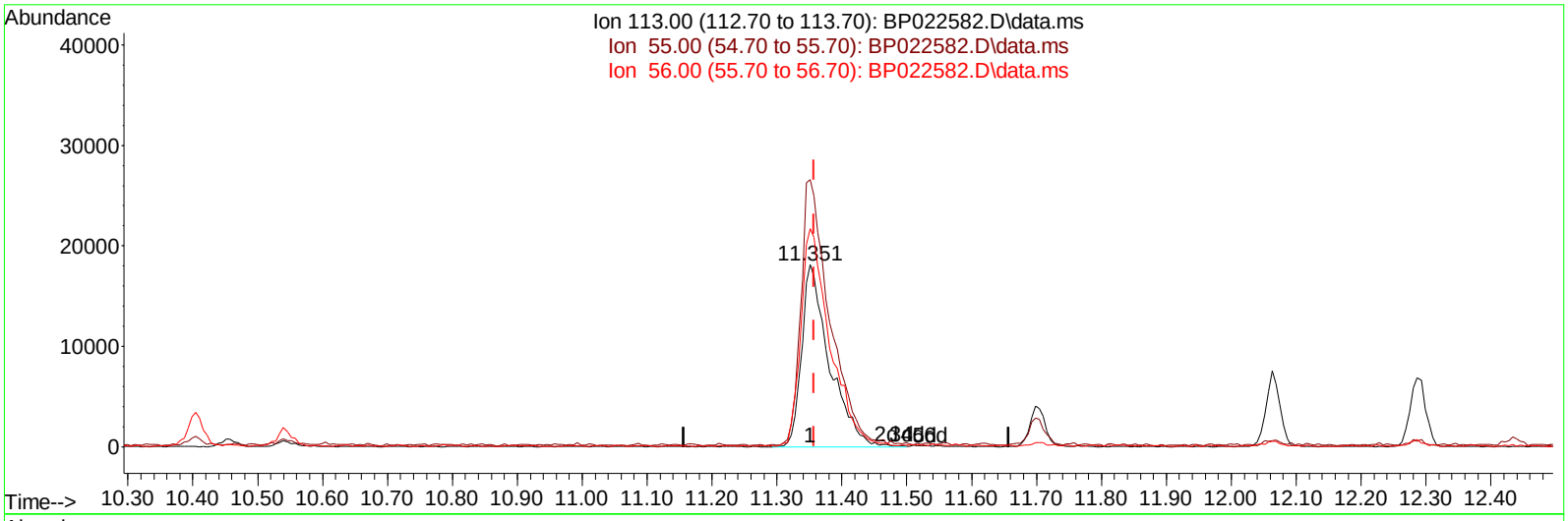
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022582.D
Acq On : 24 Oct 2024 11:00
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

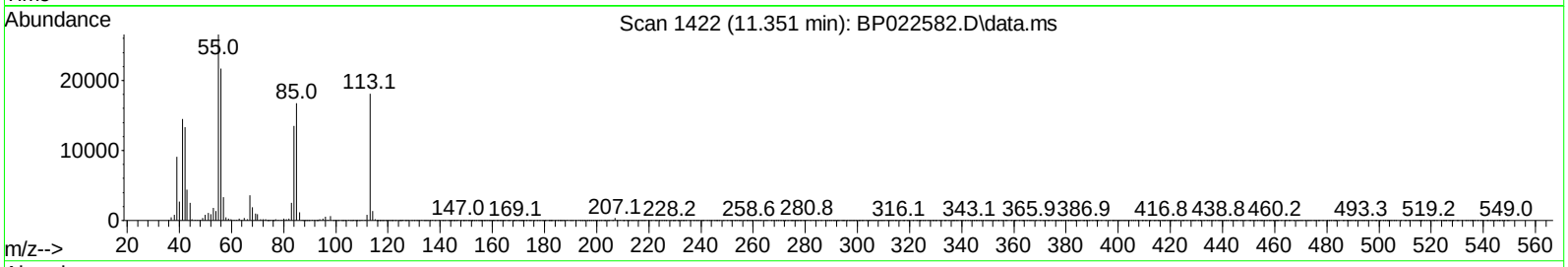
Quant Time: Oct 24 12:23:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

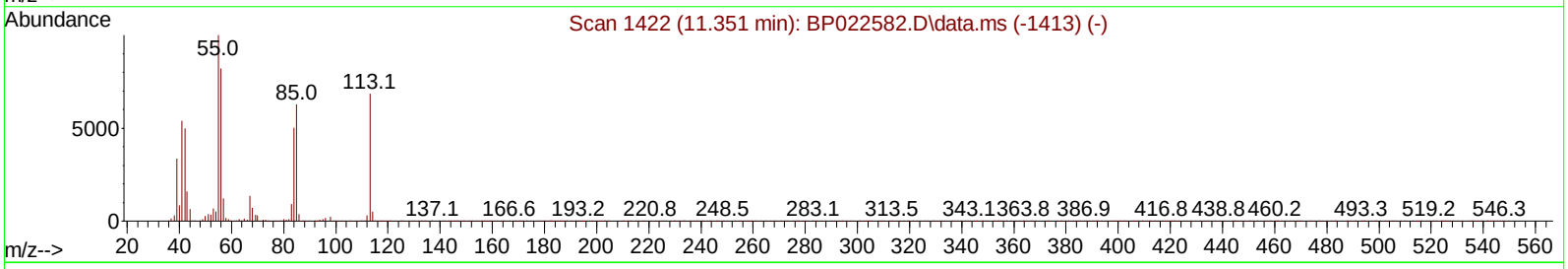
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024







TIC: BP022582.D\data.ms

(34) Caprolactam

11.351min (-0.006) 19.88 ng/ul m

response 53713

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	146.73
56.00	130.00	119.74
0.00	0.00	0.00

Quantitation Report (Qedit)

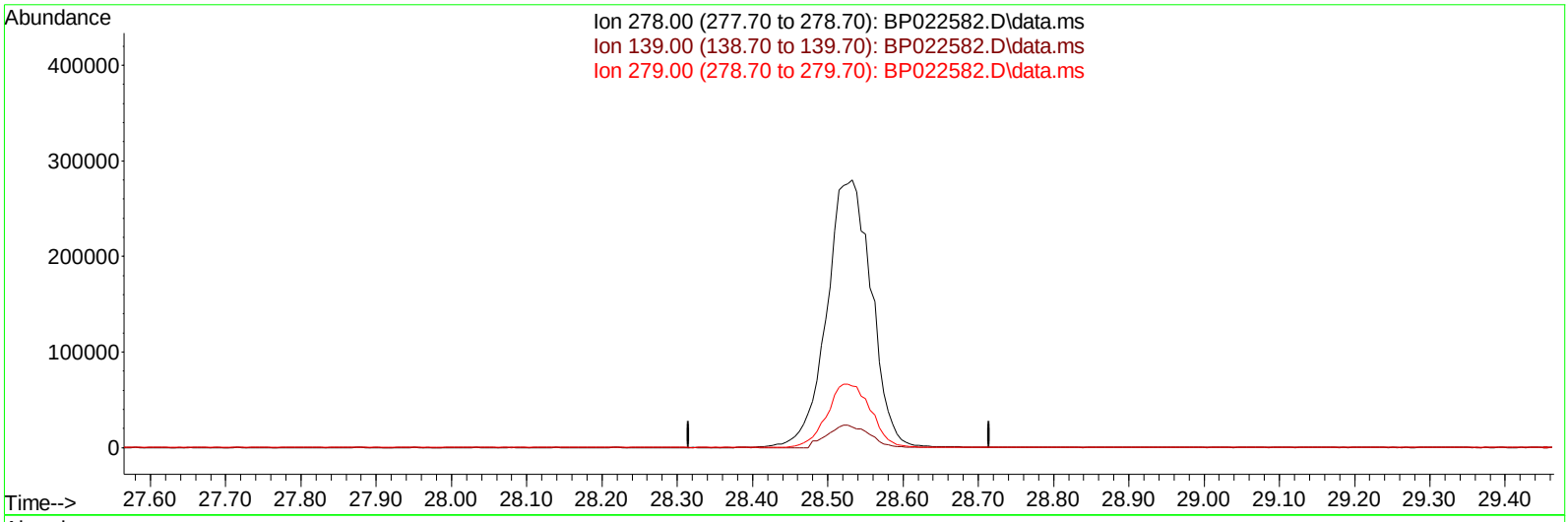
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022582.D
Acq On : 24 Oct 2024 11:00
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

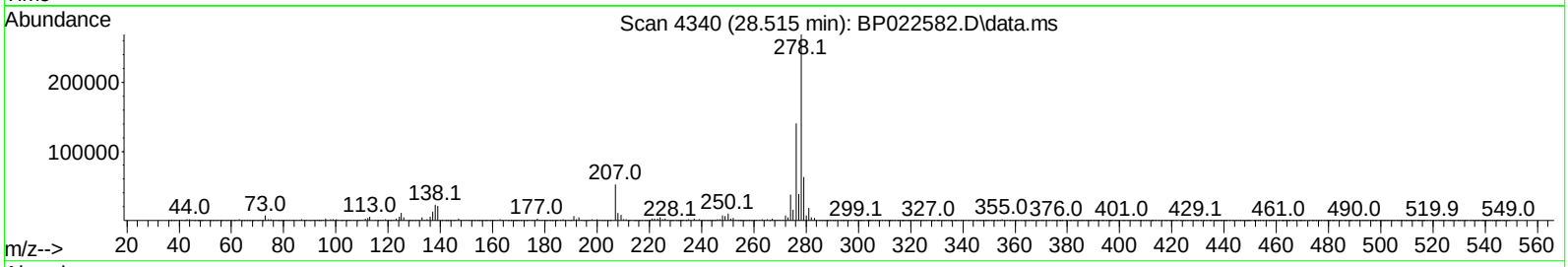
Quant Time: Oct 24 12:23:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

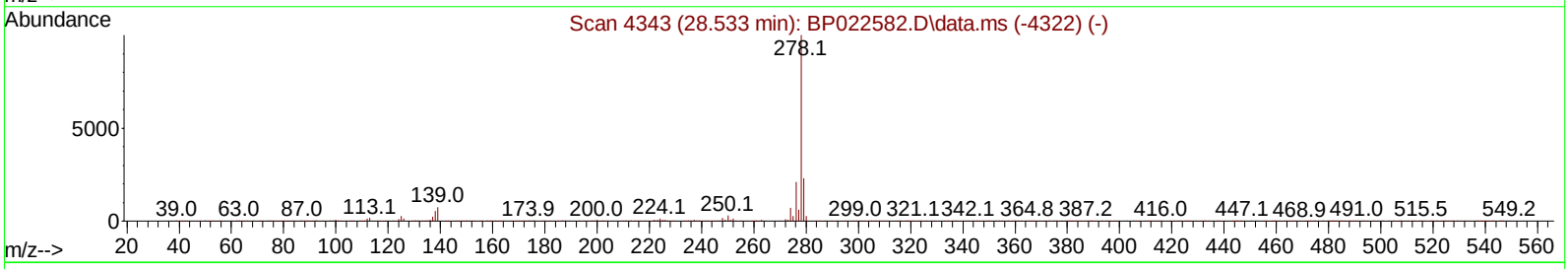
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024







TIC: BP022582.D\data.ms

(95) Dibenzo(a,h)anthracene

28.515min (-28.515) 0.00 ng/ul

response 0

Ion	Exp%	Act%
278.00	100.00	0.00
139.00	9.10	0.00#
279.00	23.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

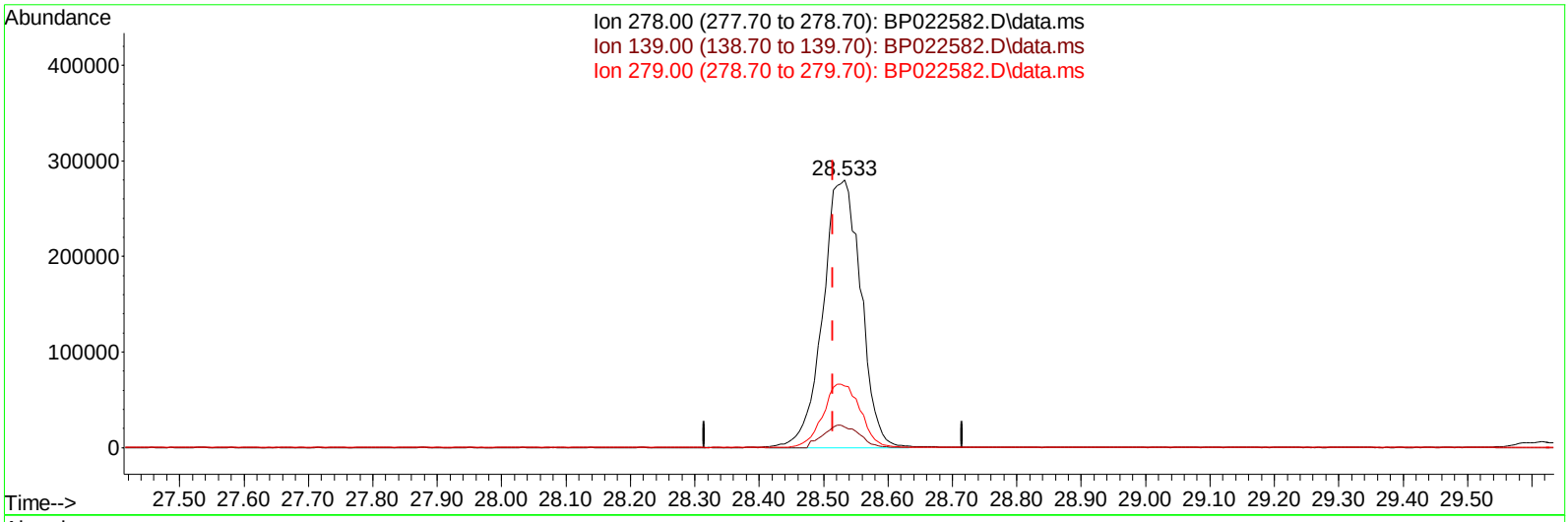
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022582.D
Acq On : 24 Oct 2024 11:00
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

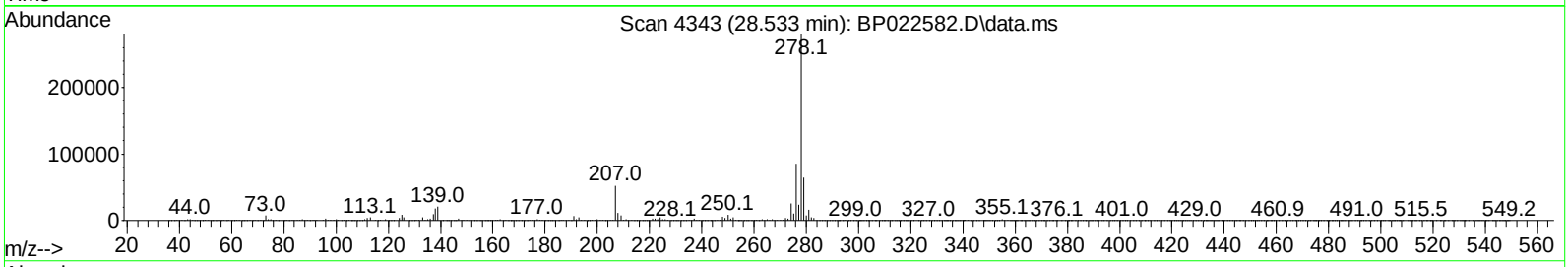
Quant Time: Oct 24 12:23:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

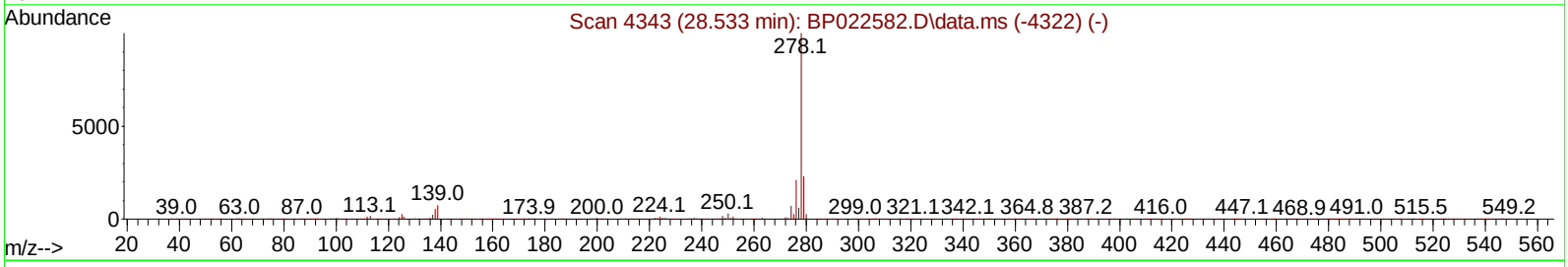
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024







TIC: BP022582.D\data.ms

(95) Dibenzo(a,h)anthracene

28.533min (+ 0.018) 19.82 ng/ul m

response 1149960

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.10	7.60
279.00	23.70	22.92
0.00	0.00	0.00

Quantitation Report (Qedit)

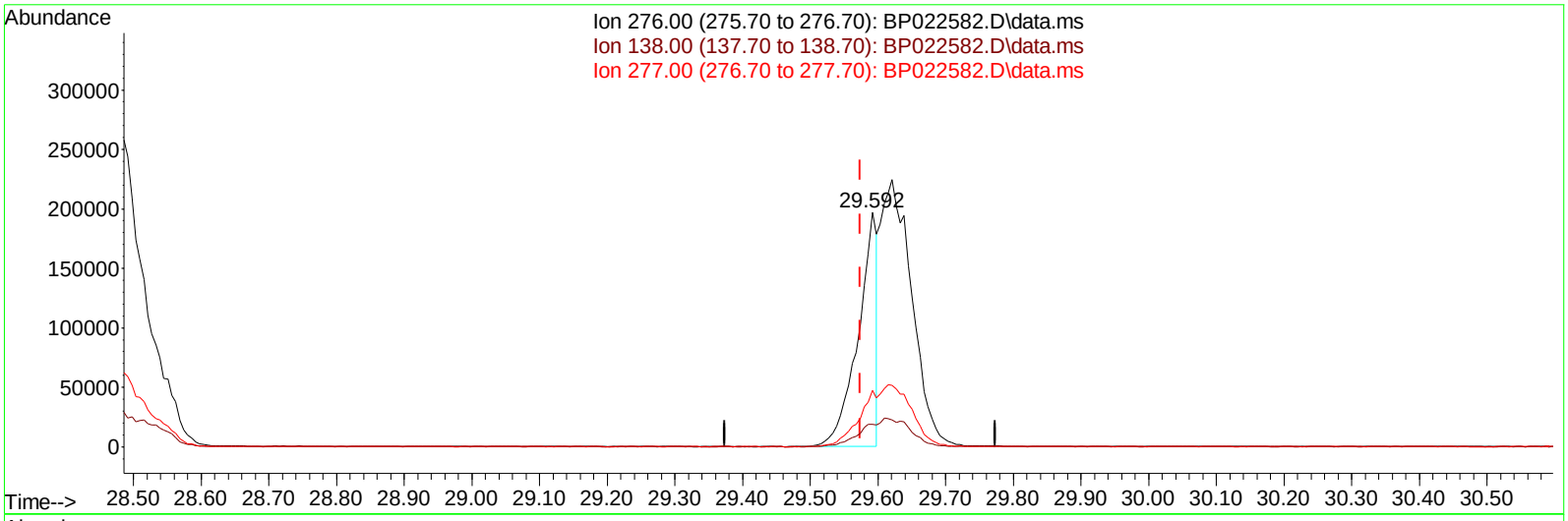
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022582.D
Acq On : 24 Oct 2024 11:00
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

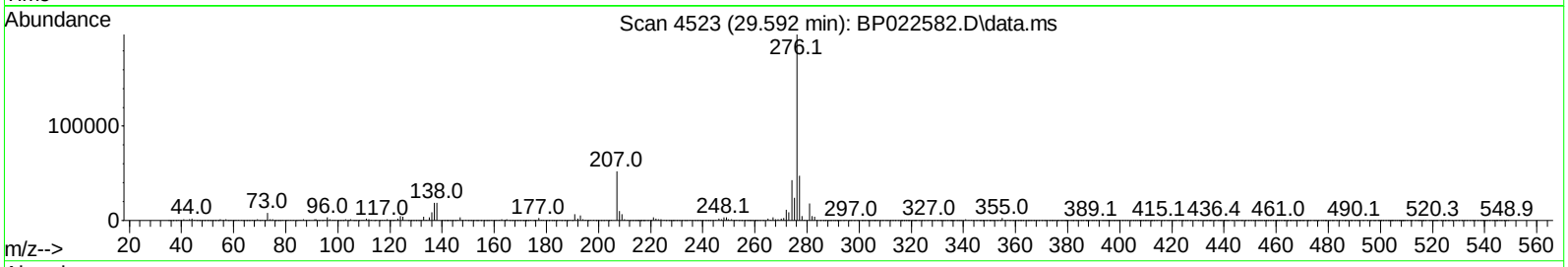
Quant Time: Oct 24 12:23:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

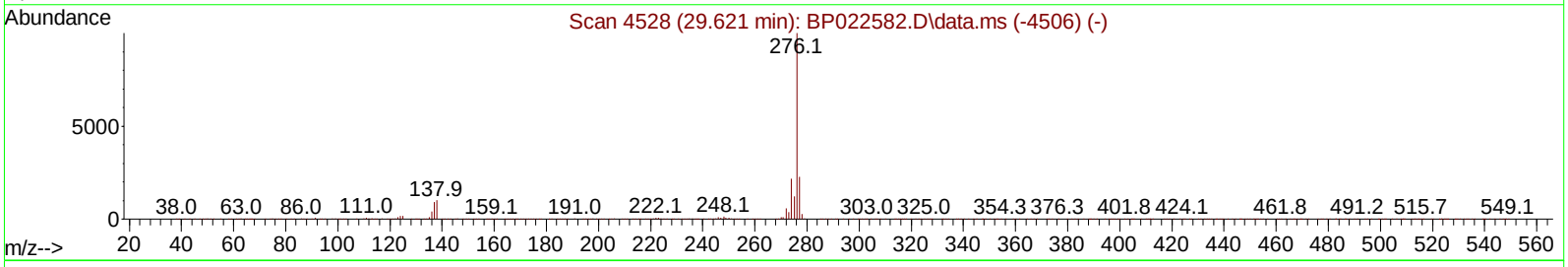
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024







TIC: BP022582.D\data.ms

(96) Benzo(g,h,i)perylene

29.592min (+ 0.018) 6.87 ng/ul

response 383036

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	9.61
277.00	23.70	24.01
0.00	0.00	0.00

Quantitation Report (Qedit)

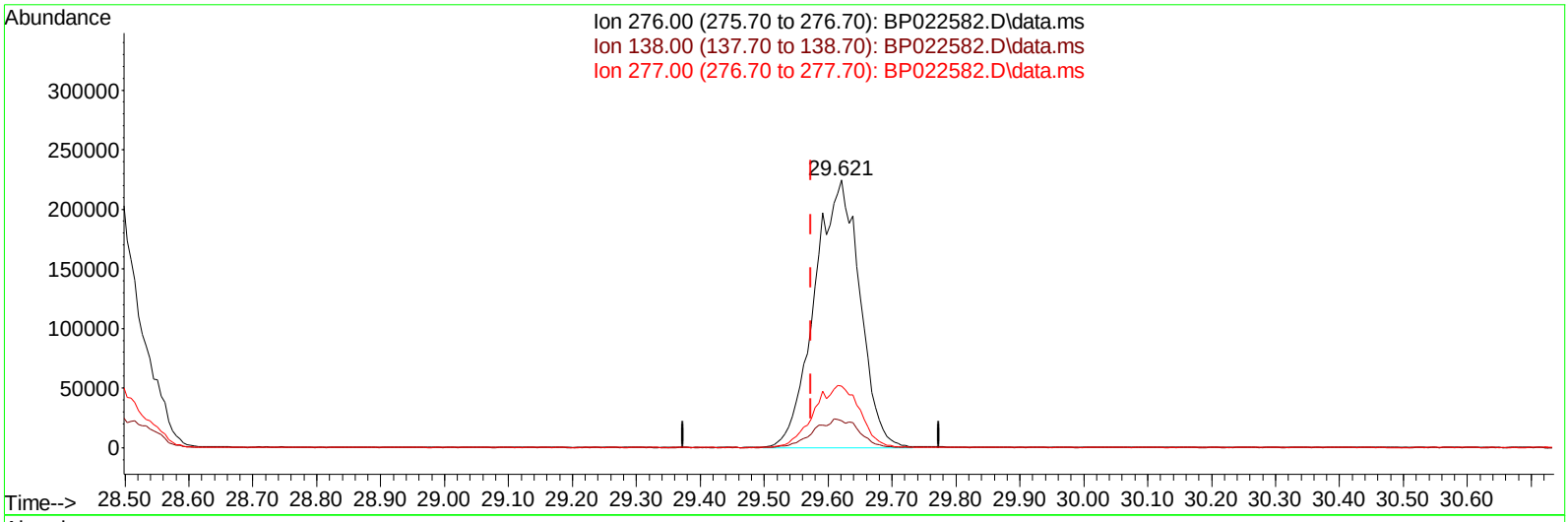
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022582.D
Acq On : 24 Oct 2024 11:00
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

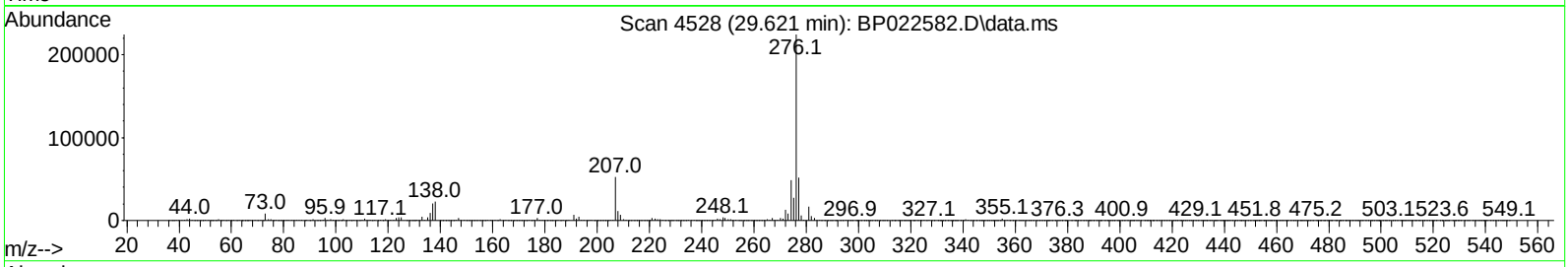
Quant Time: Oct 24 12:23:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

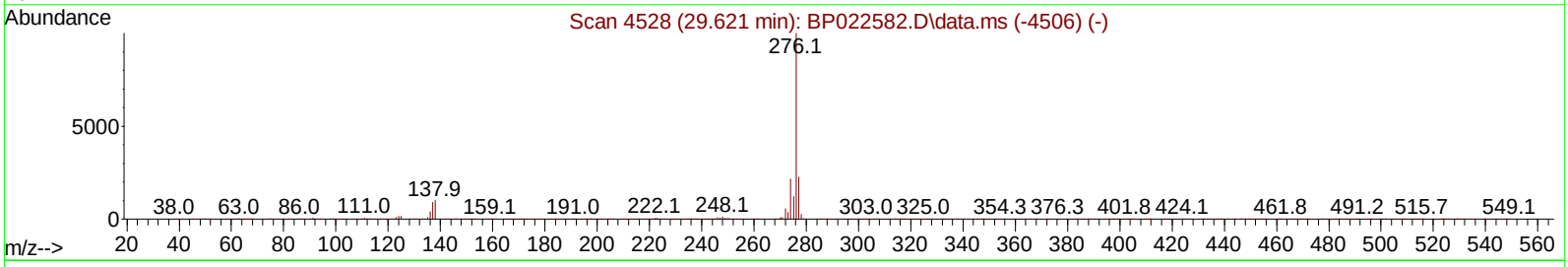
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024







TIC: BP022582.D\data.ms

(96) Benzo(g,h,i)perylene

29.621min (+ 0.047) 19.65 ng/ul m

response 1095424

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	10.08
277.00	23.70	22.90
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022582.D
Acq On : 24 Oct 2024 11:00
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 24 12:24:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	116396	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	449747	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.269	164	352793	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.063	188	843139	20.000	ng/ul	-0.02
79) Chrysene-d12	21.510	240	834279	20.000	ng/ul	0.01
88) Perylene-d12	24.768	264	926977	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	20461	6.831	ng/uL	-0.01
4) Pyridine-d5	3.605	84	156845	19.075	ng/ul	0.00
7) Phenol-d5	6.846	99	193247	19.723	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	115114	19.990	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.193	132	145827	20.975	ng/ul	-0.01
15) 4-Methylphenol-d8	8.352	113	161913	20.707	ng/ul	-0.01
21) Nitrobenzene-d5	8.793	128	74195	21.455	ng/ul	0.00
24) 2-Nitrophenol-d4	9.499	143	90096	22.504	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.040	165	183620	21.579	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.540	131	205345	20.423	ng/ul	-0.02
46) Dimethylphthalate-d6	13.681	166	584675	20.859	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	625939	21.025	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	91180	19.390	ng/ul	0.00
60) Fluorene-d10	15.269	176	494121	20.324	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.422	200	110261	19.884	ng/ul	0.00
73) Anthracene-d10	17.175	188	821257	20.706	ng/ul	0.00
81) Pyrene-d10	19.551	212	985961	22.348	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.545	264	1040381	21.016	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	22402	6.956	ng/uL	97
5) Pyridine	3.622	79	159408	18.907	ng/ul	99
6) Benzaldehyde	6.810	77	113841	21.501	ng/ul	97
8) Phenol	6.869	94	199885	19.608	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.087	93	154545	20.257	ng/ul	99
12) 2-Chlorophenol	7.228	128	151791	21.114	ng/ul	97
13) 2-Methylphenol	8.093	108	152881	20.666	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.157	45	179994	20.300	ng/ul	100
16) Acetophenone	8.457	105	266994	20.683	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.446	70	139267	21.294	ng/ul	97
18) 4-Methylphenol	8.416	108	164914	20.094	ng/ul	96
19) Hexachloroethane	8.710	117	68179	20.363	ng/ul	99
22) Nitrobenzene	8.834	77	204731	19.834	ng/ul	98
23) Isophorone	9.351	82	389381	21.039	ng/ul	100
25) 2-Nitrophenol	9.534	139	94582	21.920	ng/ul	96
26) 2,4-Dimethylphenol	9.599	107	201175	21.451	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.822	93	222601	21.183	ng/ul	100
29) 2,4-Dichlorophenol	10.063	162	182664	21.799	ng/ul	99
30) Naphthalene	10.457	128	499782	20.864	ng/ul	98
32) 4-Chloroaniline	10.569	127	203265	20.480	ng/ul	96
33) Hexachlorobutadiene	10.734	225	146900	20.800	ng/ul	99
34) Caprolactam	11.351	113	53713m	19.883	ng/ul	
35) 4-Chloro-3-methylphenol	11.704	107	193417	21.156	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022582.D
Acq On : 24 Oct 2024 11:00
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 24 12:24:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.063	142	371612	21.134	ng/ul	96
37) 1-Methylnaphthalene	12.287	142	374337	20.857	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.440	216	273045	20.931	ng/ul	95
40) Hexachlorocyclopentadiene	12.416	237	127509	16.043	ng/ul	98
41) 2,4,6-Trichlorophenol	12.692	196	175384	21.374	ng/ul	97
42) 2,4,5-Trichlorophenol	12.769	196	188770	21.606	ng/ul	97
43) 1,1'-Biphenyl	13.087	154	532878	20.955	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	422229	20.283	ng/ul	98
45) 2-Nitroaniline	13.345	65	126856	20.409	ng/ul	99
47) Dimethylphthalate	13.728	163	571933	20.477	ng/ul	99
48) 2,6-Dinitrotoluene	13.845	165	113540	21.491	ng/ul	96
50) Acenaphthylene	13.987	152	635882	20.580	ng/ul	99
51) 3-Nitroaniline	14.175	138	97083	19.565	ng/ul	99
52) Acenaphthene	14.334	153	449561	20.576	ng/ul	100
53) 2,4-Dinitrophenol	14.410	184	72163	18.565	ng/ul	99
55) 4-Nitrophenol	14.510	109	98463	18.866	ng/ul	97
56) Dibenzofuran	14.675	168	671735	20.467	ng/ul	98
57) 2,4-Dinitrotoluene	14.651	165	177546	21.627	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.904	232	177589	21.777	ng/ul	98
59) Diethylphthalate	15.110	149	571868	21.341	ng/ul	99
61) Fluorene	15.328	166	549647	20.554	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.322	204	318469	20.825	ng/ul	99
63) 4-Nitroaniline	15.357	138	99127	19.853	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.434	198	118017	19.759	ng/ul	95
67) N-Nitrosodiphenylamine	15.539	169	475259	21.049	ng/ul	99
68) 4-Bromophenyl-phenylether	16.239	248	221059	21.742	ng/ul	97
69) Hexachlorobenzene	16.351	284	267579	21.380	ng/ul	99
70) Atrazine	16.528	200	205725	21.920	ng/ul	94
71) Pentachlorophenol	16.716	266	165654	20.585	ng/ul	96
72) Phenanthrene	17.110	178	912011	20.218	ng/ul	100
74) Anthracene	17.210	178	925463	20.559	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	281933	21.961	ng/uL	98
76) Pentachlorobenzene	14.592	250	302327	21.303	ng/uL	99
77) Carbazole	17.492	167	806885	20.257	ng/ul	99
78) Di-n-butylphthalate	18.069	149	980179	22.240	ng/ul	100
80) Fluoranthene	19.198	202	1166103	22.991	ng/ul	100
82) Pyrene	19.580	202	1209913	22.257	ng/ul	99
83) Butylbenzylphthalate	20.533	149	441187	23.311	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.404	252	416250	20.930	ng/ul	98
85) Benzo(a)anthracene	21.492	228	1191351	20.370	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.416	149	638626	23.508	ng/ul	99
87) Chrysene	21.557	228	1104211	20.362	ng/ul	99
89) Di-n-octyl phthalate	22.651	149	1055181	23.931	ng/ul	100
90) Benzo(b)fluoranthene	23.733	252	1208264	20.707	ng/ul	99
91) Benzo(k)fluoranthene	23.804	252	1211541	21.208	ng/ul	99
93) Benzo(a)pyrene	24.610	252	1100660	20.496	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.468	276	1431795	19.979	ng/ul	99
95) Dibenzo(a,h)anthracene	28.533	278	1149960m	19.816	ng/ul	
96) Benzo(g,h,i)perylene	29.621	276	1095424m	19.652	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022582.D
Acq On : 24 Oct 2024 11:00
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 24 12:24:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024