Quantitation Report (Qedit)

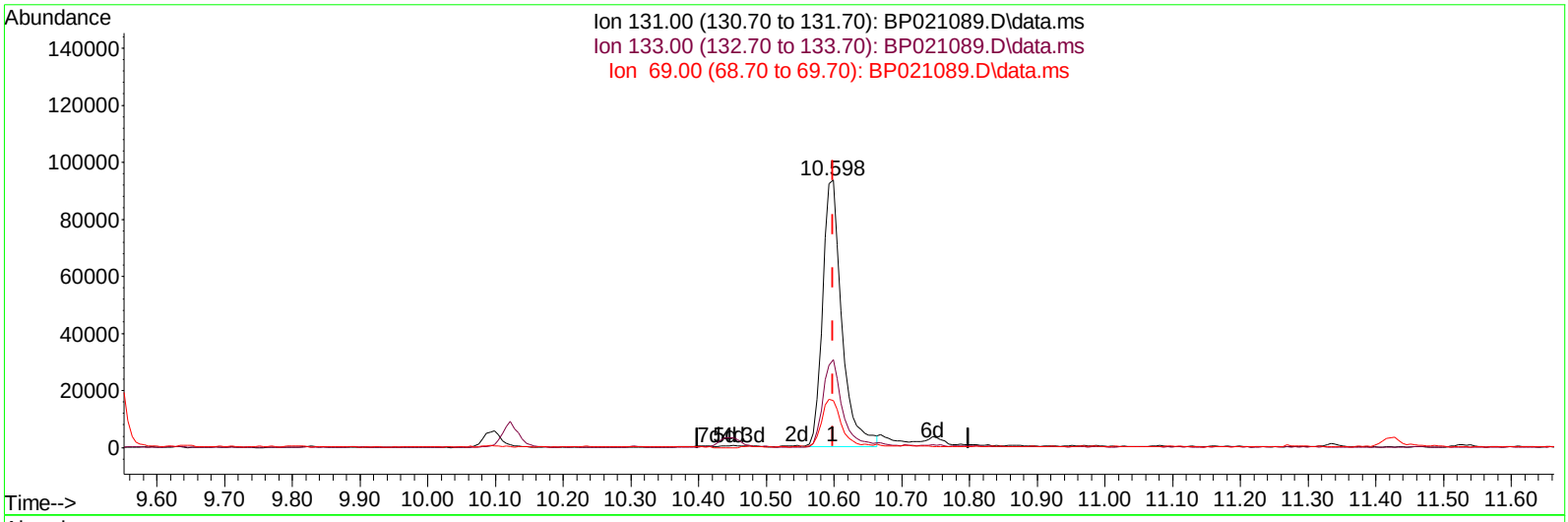
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021089.D
Acq On : 22 Jul 2024 15:29
Operator : MA/JU
Sample : P3238-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

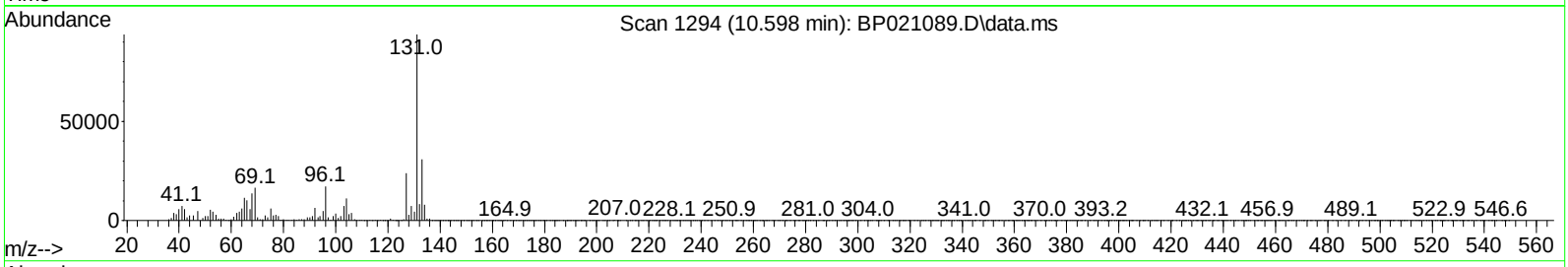
Quant Time: Jul 23 01:54:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

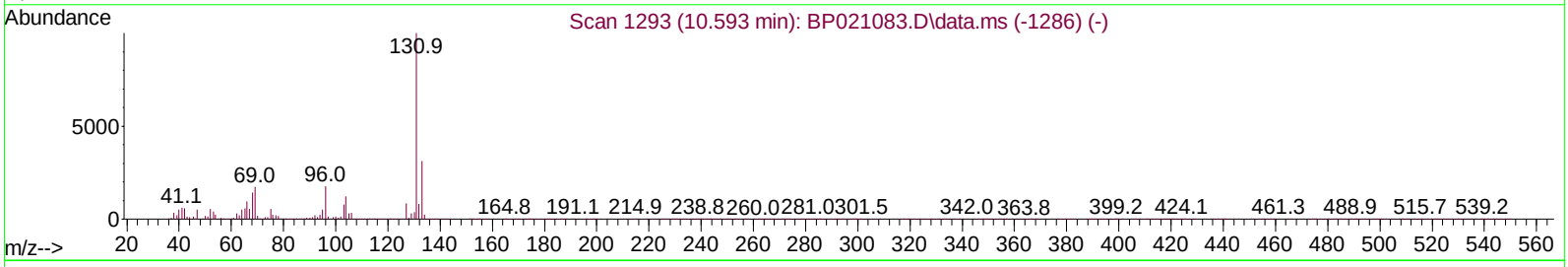
Instrument :
BNA_P
ClientSampleId :
A4BE6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024







TIC: BP021089.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.598min (-0.000) 10.83 ng/ul

response 185118

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	32.88
69.00	17.40	17.60
0.00	0.00	0.00

Quantitation Report (Qedit)

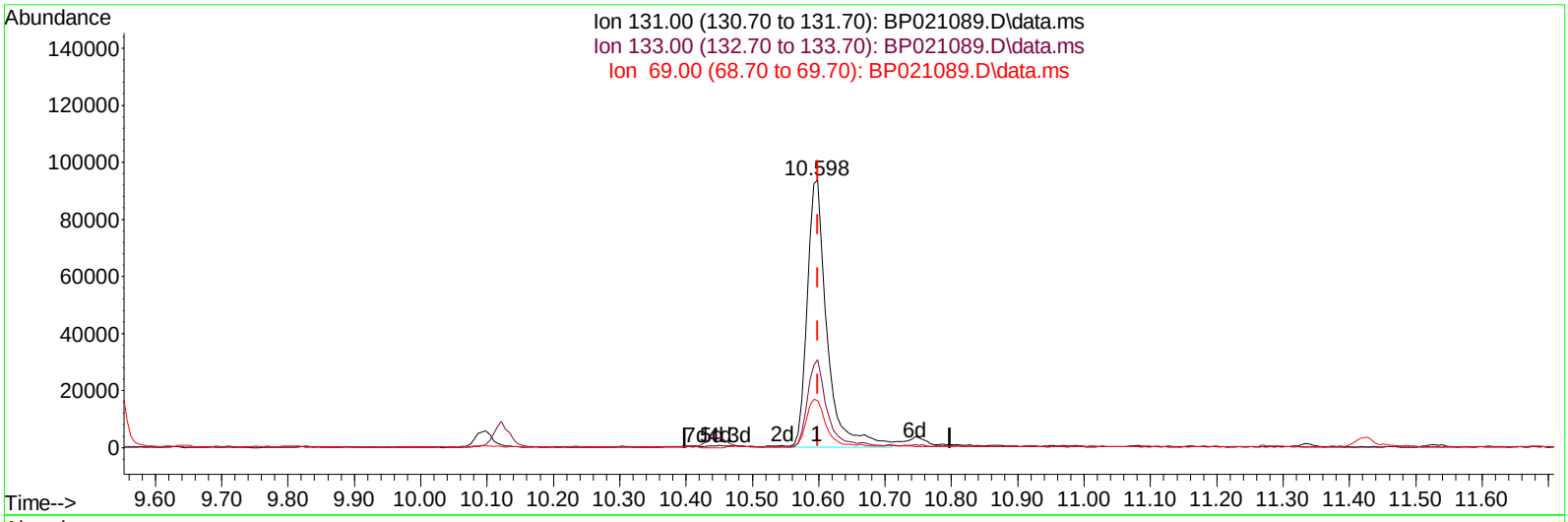
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021089.D
Acq On : 22 Jul 2024 15:29
Operator : MA/JU
Sample : P3238-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

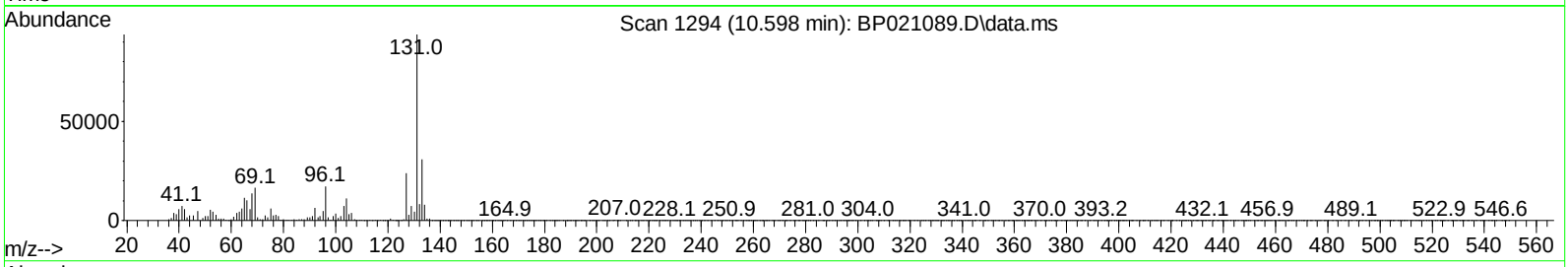
Quant Time: Jul 23 01:54:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

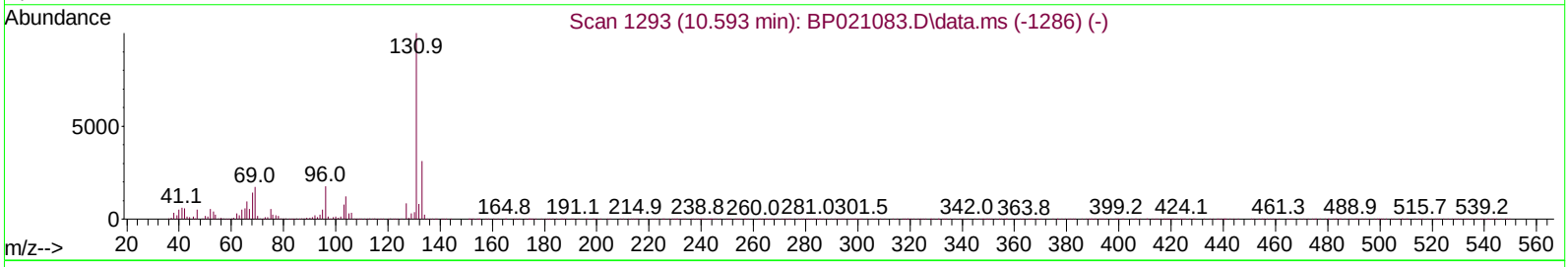
Instrument :
BNA_P
ClientSampleId :
A4BE6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024







TIC: BP021089.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.598min (-0.000) 11.32 ng/ul m

response 193502

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	32.88
69.00	17.40	17.60
0.00	0.00	0.00

Quantitation Report (Qedit)

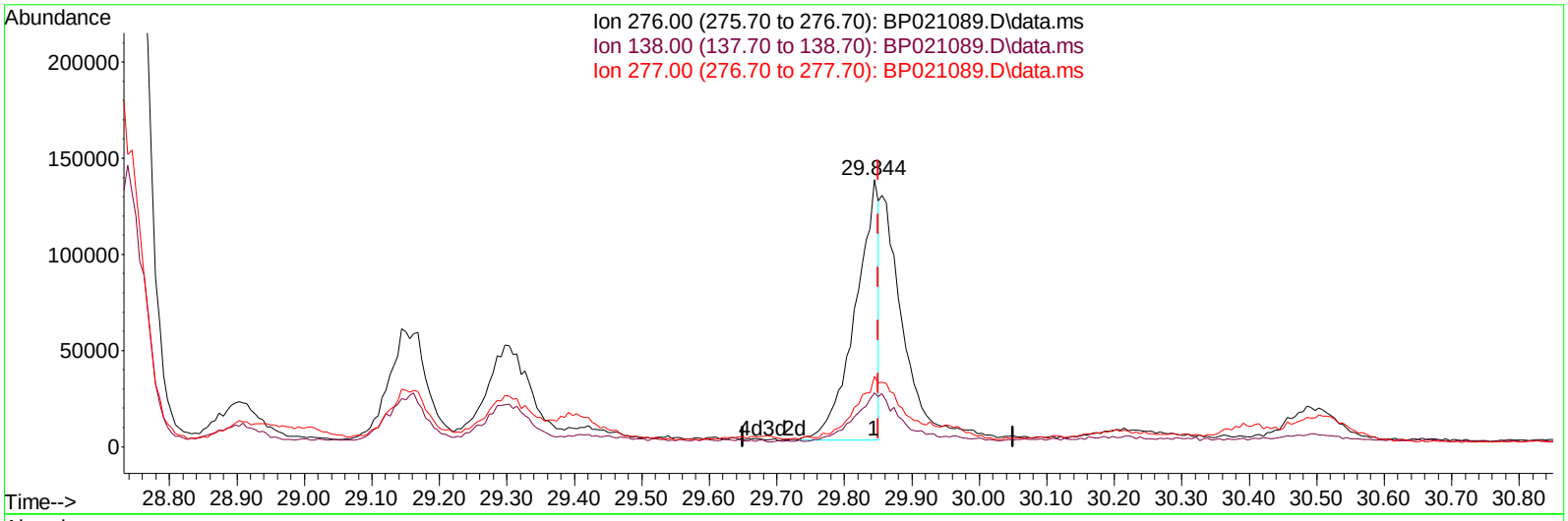
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021089.D
Acq On : 22 Jul 2024 15:29
Operator : MA/JU
Sample : P3238-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

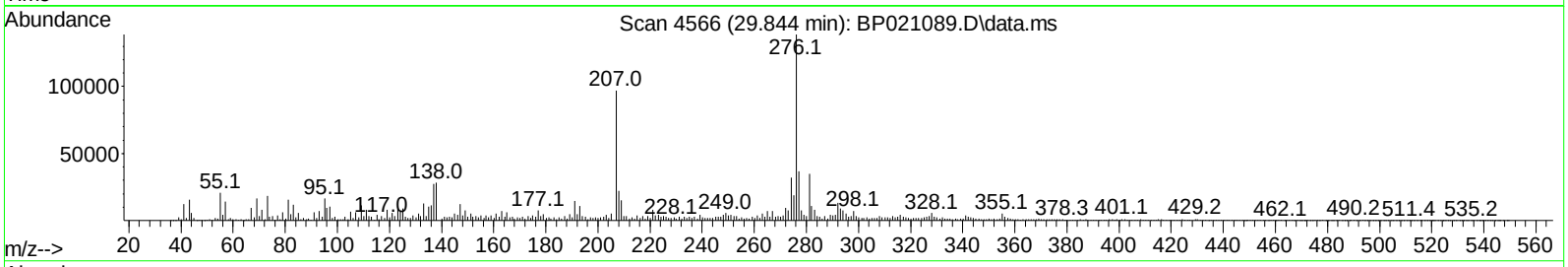
Quant Time: Jul 23 01:54:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

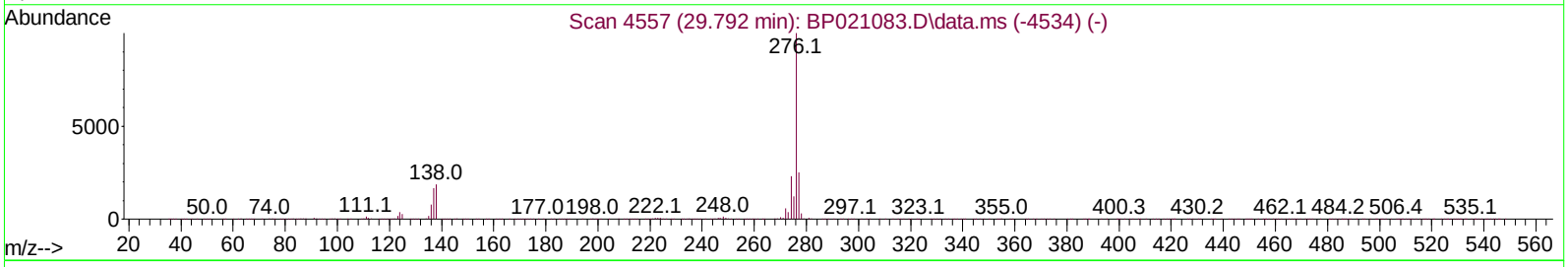
Instrument :
BNA_P
ClientSampleId :
A4BE6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024







TIC: BP021089.D\data.ms

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

29.844min (-0.006) 3.66 ng/ul

response 324986

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	20.22
277.00	22.70	26.35
0.00	0.00	0.00

Quantitation Report (Qedit)

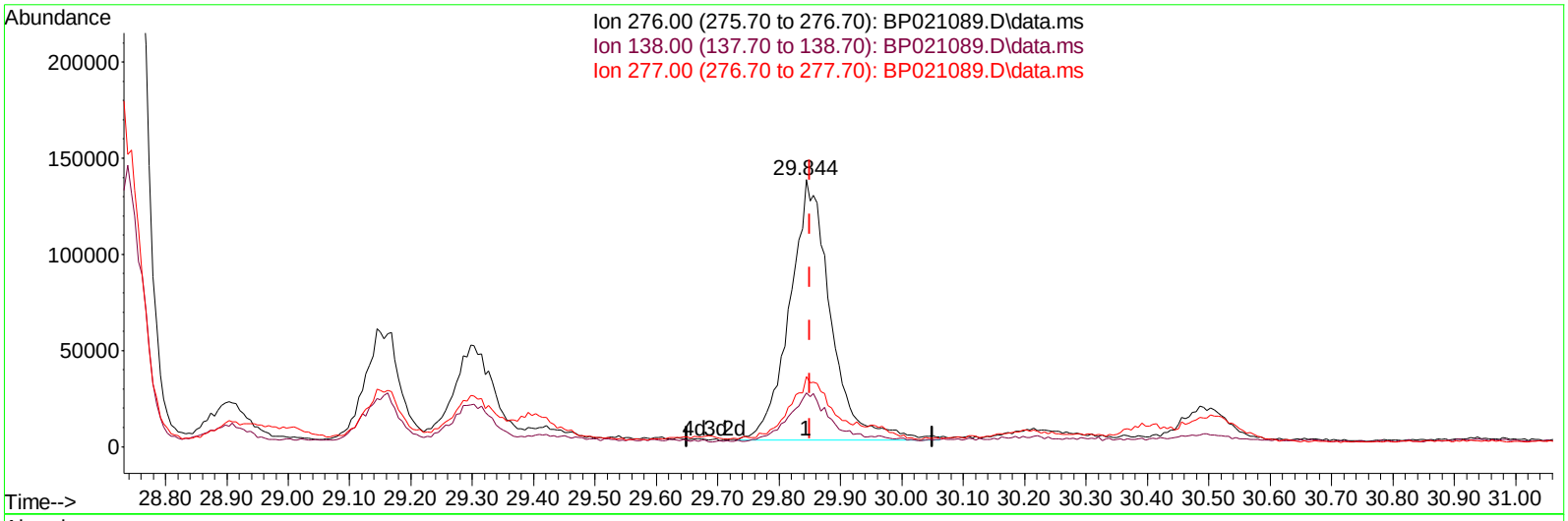
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021089.D
Acq On : 22 Jul 2024 15:29
Operator : MA/JU
Sample : P3238-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

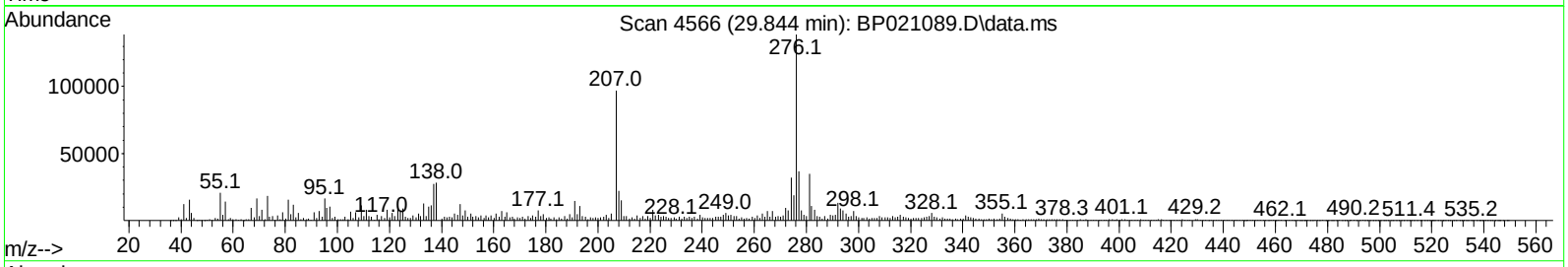
Quant Time: Jul 23 01:54:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

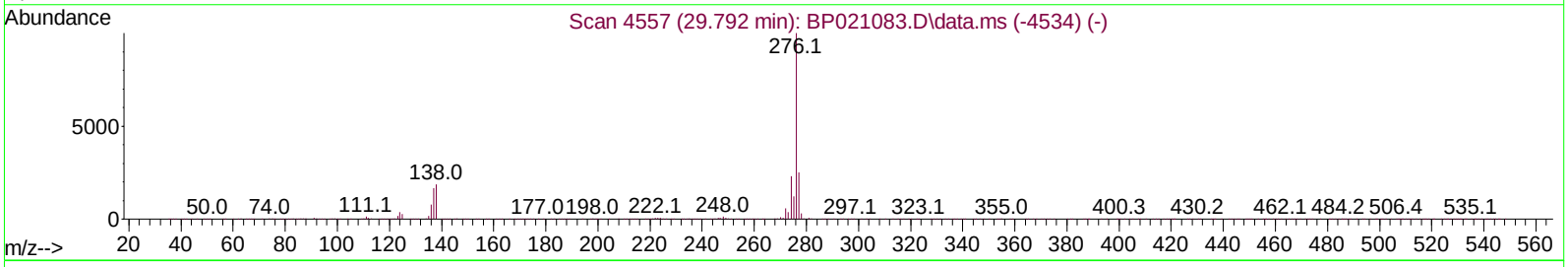
Instrument :
BNA_P
ClientSampleId :
A4BE6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024







TIC: BP021089.D\data.ms

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

29.844min (-0.006) 7.12 ng/ul m

response 632661

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	20.22
277.00	22.70	26.35
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021089.D
Acq On : 22 Jul 2024 15:29
Operator : MA/JU
Sample : P3238-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 23 04:17:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4BE6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	192369	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.439	136	802804	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.298	164	538451	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.116	188	1215995	20.000	ng/ul	-0.01
79) Chrysene-d12	21.580	240	1141893	20.000	ng/ul	0.00
88) Perylene-d12	24.903	264	1477305	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	13972	3.305	ng/uL	0.00
4) Pyridine-d5	3.652	84	114328	9.342	ng/ul	0.00
7) Phenol-d5	6.898	99	356178	22.711	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	193771	20.387	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	289469	22.402	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	275315	21.136	ng/ul	-0.01
21) Nitrobenzene-d5	8.834	128	142436	22.843	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.534	143	162676	22.794	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.092	165	310552	24.064	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.598	131	193502m	11.318	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	877134	22.409	ng/ul	-0.01
49) Acenaphthylene-d8	13.986	160	1038156	23.620	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.580	143	137954	24.771	ng/ul	-0.02
60) Fluorene-d10	15.304	176	822034	25.599	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.480	200	110068	14.960	ng/ul	0.00
73) Anthracene-d10	17.216	188	1337546	24.765	ng/ul	-0.01
81) Pyrene-d10	19.610	212	1351601	19.145	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.662	264	1186732	16.288	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	40585	8.729	ng/uL	99
5) Pyridine	3.669	79	187731	14.872	ng/ul	97
6) Benzaldehyde	6.857	77	220625	27.904	ng/ul	99
8) Phenol	6.928	94	462575	29.148	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.128	93	311321	23.747	ng/ul	98
12) 2-Chlorophenol	7.269	128	354152	27.346	ng/ul	98
13) 2-Methylphenol	8.145	108	335522	27.337	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.198	45	438302	23.141	ng/ul	97
16) Acetophenone	8.498	105	531888	26.457	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.475	70	249351	23.672	ng/ul	99
18) 4-Methylphenol	8.475	108	373891	28.436	ng/ul	98
19) Hexachloroethane	8.728	117	101856	17.502	ng/ul	96
22) Nitrobenzene	8.881	77	385405	25.802	ng/ul	99
23) Isophorone	9.392	82	715853	24.107	ng/ul	100
25) 2-Nitrophenol	9.569	139	208645	28.031	ng/ul	96
26) 2,4-Dimethylphenol	9.639	107	352389	24.008	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.851	93	419046	23.216	ng/ul	99
29) 2,4-Dichlorophenol	10.122	162	358549	28.191	ng/ul	99
30) Naphthalene	10.492	128	1399544	33.142	ng/ul	99
32) 4-Chloroaniline	10.616	127	234701	14.376	ng/ul	98
33) Hexachlorobutadiene	10.745	225	230610	24.182	ng/ul	99
34) Caprolactam	11.422	113	125686	32.080	ng/ul	96
35) 4-Chloro-3-methylphenol	11.757	107	414788	30.003	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021089.D
Acq On : 22 Jul 2024 15:29
Operator : MA/JU
Sample : P3238-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 23 04:17:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4BE6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.092	142	884014	30.497	ng/ul	97
37) 1-Methylnaphthalene	12.328	142	889464	29.835	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.463	216	455547	26.051	ng/ul	97
40) Hexachlorocyclopentadiene	12.422	237	30182	3.299	ng/ul	94
41) 2,4,6-Trichlorophenol	12.733	196	313971	28.415	ng/ul	98
42) 2,4,5-Trichlorophenol	12.822	196	342976	29.337	ng/ul	97
43) 1,1'-Biphenyl	13.116	154	1073700	27.285	ng/ul	99
44) 2-Chloronaphthalene	13.169	162	837390	26.656	ng/ul	99
45) 2-Nitroaniline	13.386	65	268595	30.918	ng/ul	99
47) Dimethylphthalate	13.751	163	1041591	26.226	ng/ul	100
48) 2,6-Dinitrotoluene	13.898	165	236994	29.846	ng/ul	95
50) Acenaphthylene	14.010	152	1482318	29.788	ng/ul	99
51) 3-Nitroaniline	14.239	138	203905	29.510	ng/ul	94
52) Acenaphthene	14.357	153	1351982	40.933	ng/ul	98
53) 2,4-Dinitrophenol	14.463	184	69946	16.774	ng/ul	95
55) 4-Nitrophenol	14.604	109	171102	37.769	ng/ul	95
56) Dibenzofuran	14.704	168	1740903	38.490	ng/ul	97
57) 2,4-Dinitrotoluene	14.704	165	354815	32.551	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	14.957	232	299472	29.914	ng/ul	94
59) Diethylphthalate	15.139	149	1048738	26.422	ng/ul	99
61) Fluorene	15.363	166	1649158	44.682	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.363	204	536046	26.765	ng/ul	98
63) 4-Nitroaniline	15.422	138	224251	39.190	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.498	198	138557	17.758	ng/ul	98
67) N-Nitrosodiphenylamine	15.586	169	947833	26.768	ng/ul	99
68) 4-Bromophenyl-phenylether	16.280	248	360252	25.276	ng/ul	99
69) Hexachlorobenzene	16.398	284	346188	21.184	ng/ul	96
70) Atrazine	16.580	200	265566	20.578	ng/ul	98
71) Pentachlorophenol	16.763	266	215830	24.316	ng/ul	100
72) Phenanthrene	17.174	178	11451656	181.539	ng/ul	98
74) Anthracene	17.257	178	4128185	64.193	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.092	216	444920	22.860	ng/uL	99
76) Pentachlorobenzene	14.616	250	450969	23.319	ng/uL	98
77) Carbazole	17.545	167	2620451	49.847	ng/ul	100
78) Di-n-butylphthalate	18.121	149	1881583	25.942	ng/ul	100
80) Fluoranthene	19.274	202	15234800	178.695	ng/ul	100
82) Pyrene	19.651	202	11108978	128.049	ng/ul	97
83) Butylbenzylphthalate	20.580	149	933720	25.832	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.474	252	284497	10.903	ng/ul	99
85) Benzo(a)anthracene	21.562	228	8601472	107.532	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.456	149	1466393	28.190	ng/ul#	97
87) Chrysene	21.627	228	8342533	112.239	ng/ul	96
89) Di-n-octyl phthalate	22.715	149	2315580	23.727	ng/ul	100
90) Benzo(b)fluoranthene	23.856	252	10555595	117.742	ng/ul	97
91) Benzo(k)fluoranthene	23.921	252	4999894	55.884	ng/ul	97
93) Benzo(a)pyrene	24.739	252	4215173	49.756	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.703	276	4989787	45.708	ng/ul	98
95) Dibenzo(a,h)anthracene	28.750	278	3510027	38.828	ng/ul	98
96) Benzo(g,h,i)perylene	29.844	276	632661m	7.116	ng/ul	

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

Instrument :
BNA_P
ClientSampleId :
A4BE6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021089.D
Acq On : 22 Jul 2024 15:29
Operator : MA/JU
Sample : P3238-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 23 04:17:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4BE6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024