Quantitation Report (Qedit)

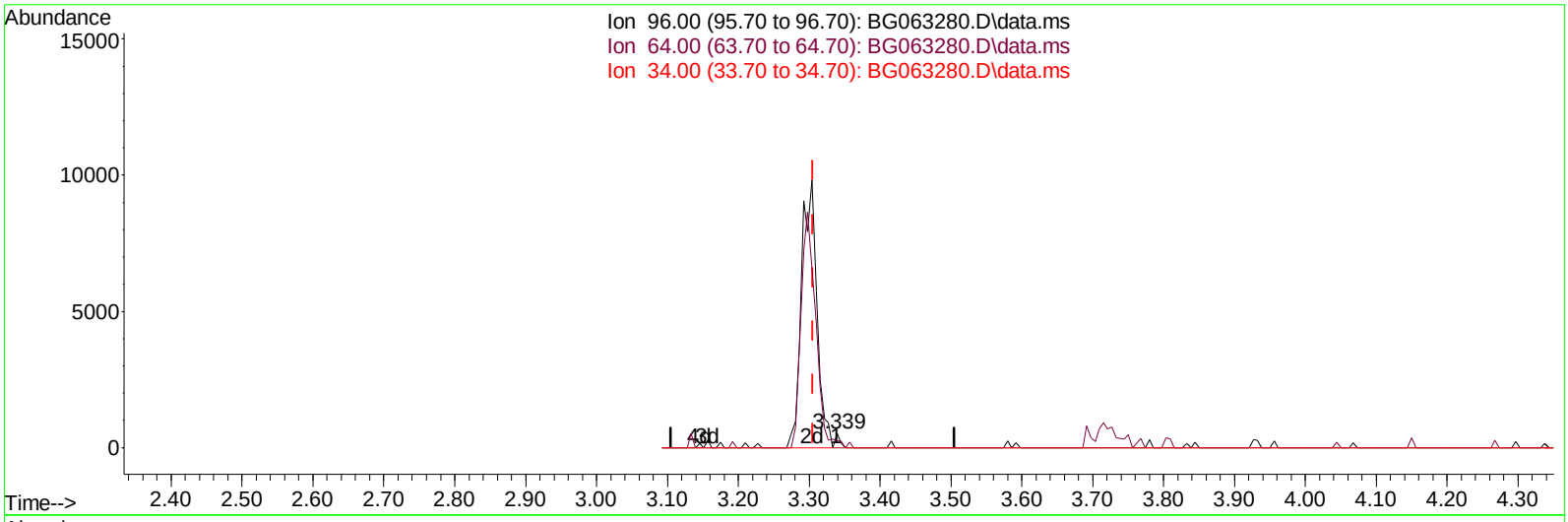
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063280.D
Acq On : 10 Nov 2024 1:36
Operator : RC/JU
Sample : PB164772BS
Misc :
ALS Vial : 59 Sample Multiplier: 1

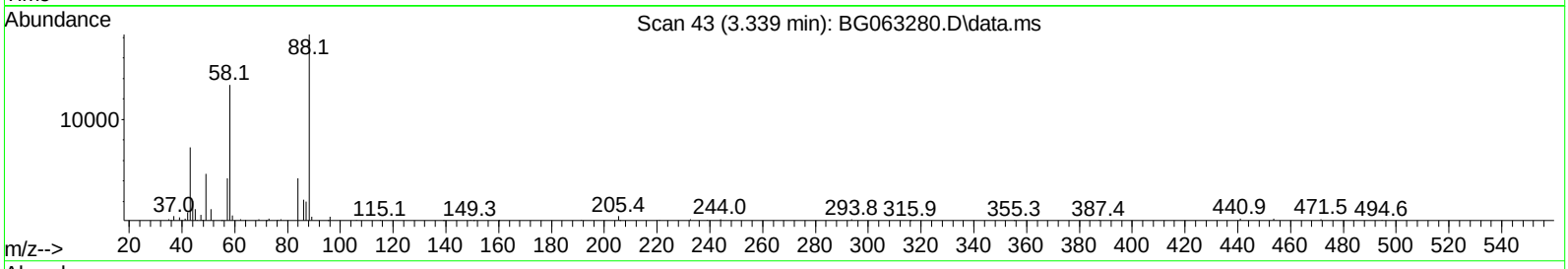
Quant Time: Nov 10 01:19:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

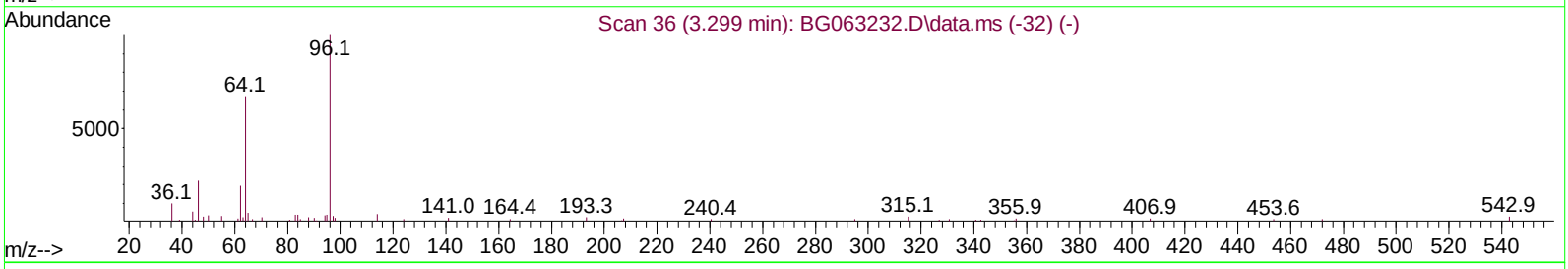
Instrument :
BNA_G
ClientSampleId :
SLCS772

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024







TIC: BG063280.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.339min (+ 0.034) 0.08 ng/uL

response 244

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	52.20	45.06
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

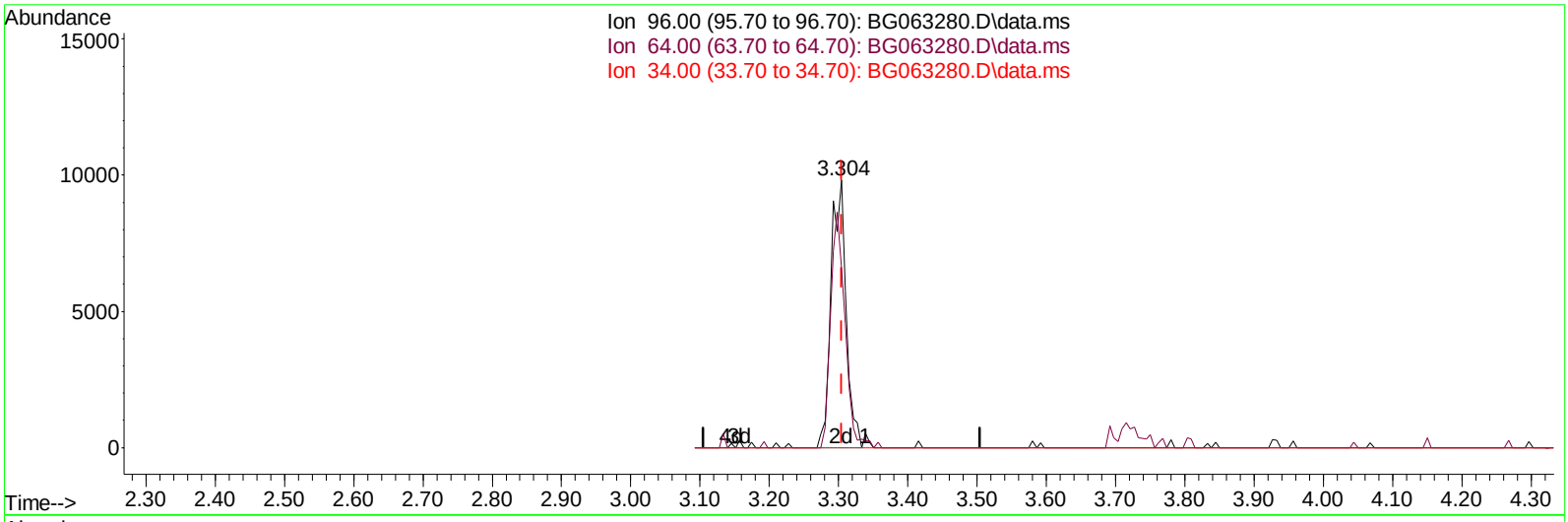
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063280.D
Acq On : 10 Nov 2024 1:36
Operator : RC/JU
Sample : PB164772BS
Misc :
ALS Vial : 59 Sample Multiplier: 1

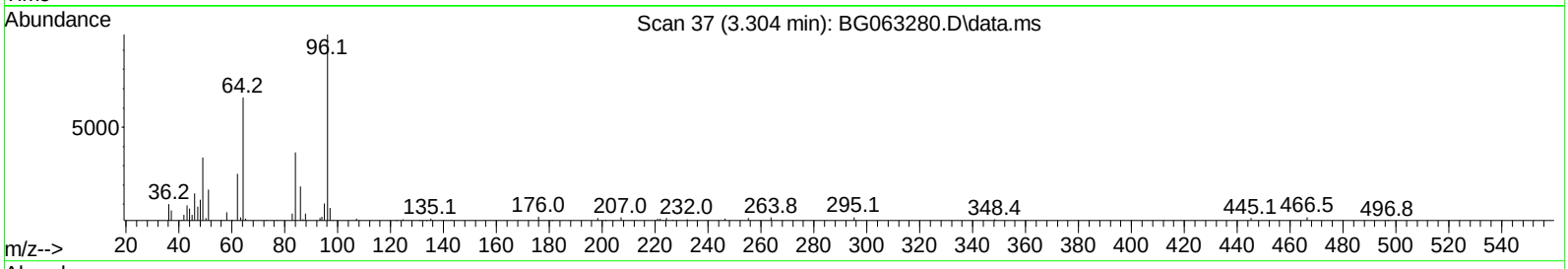
Quant Time: Nov 10 01:19:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

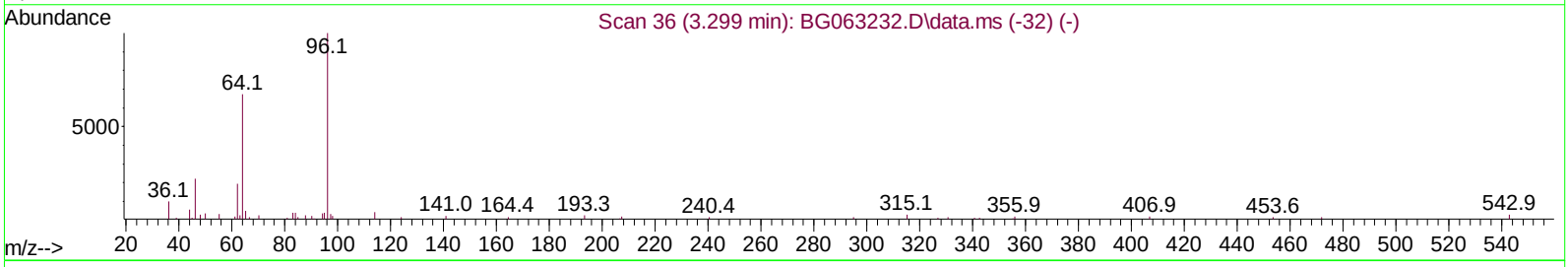
Instrument :
BNA_G
ClientSampleId :
SLCS772

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024







TIC: BG063280.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.304min (-0.001) 4.85 ng/uL m

response 14879

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	52.20	66.80#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

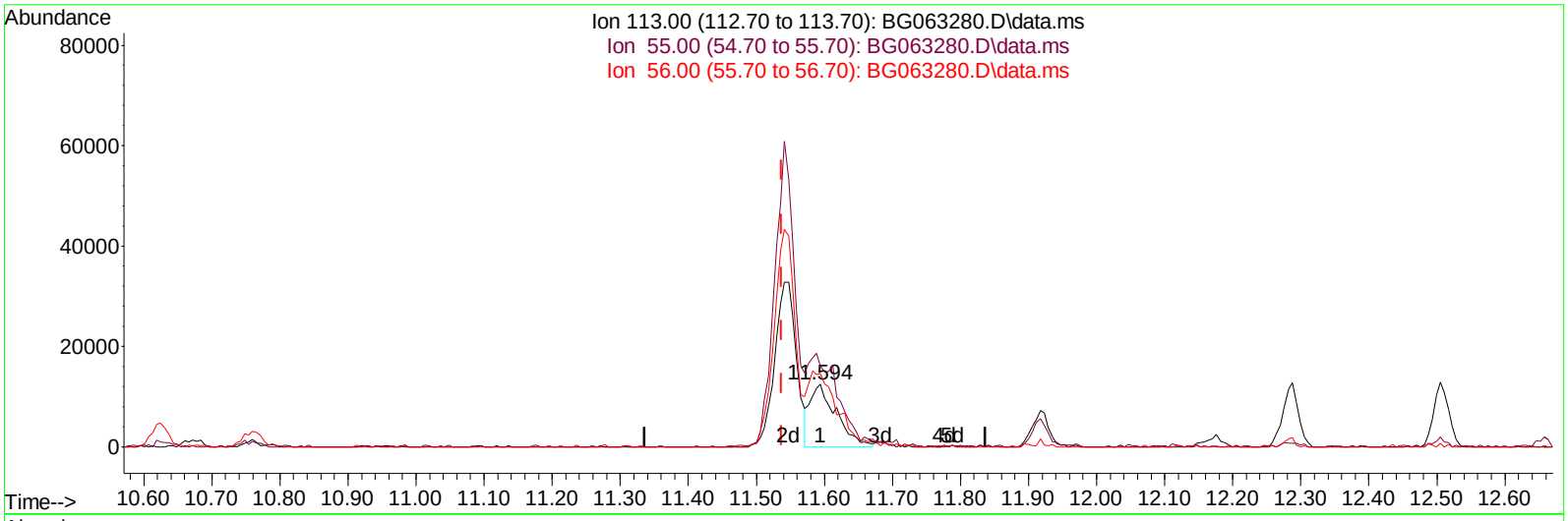
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063280.D
Acq On : 10 Nov 2024 1:36
Operator : RC/JU
Sample : PB164772BS
Misc :
ALS Vial : 59 Sample Multiplier: 1

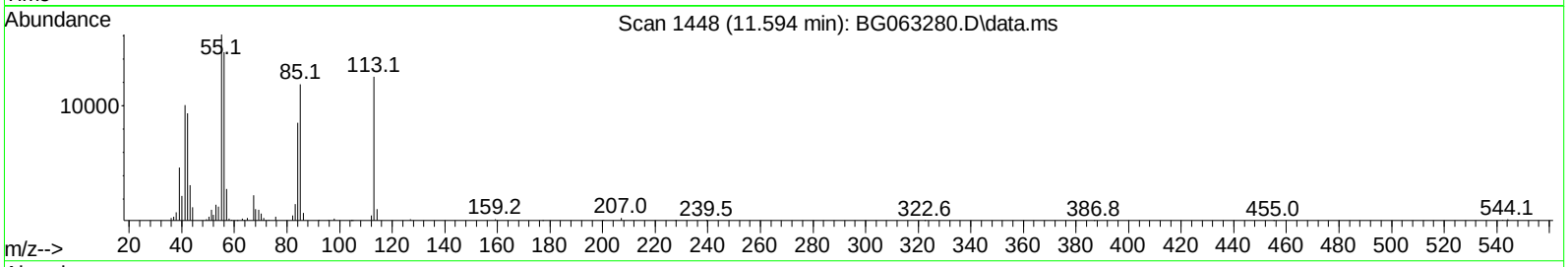
Quant Time: Nov 10 01:19:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

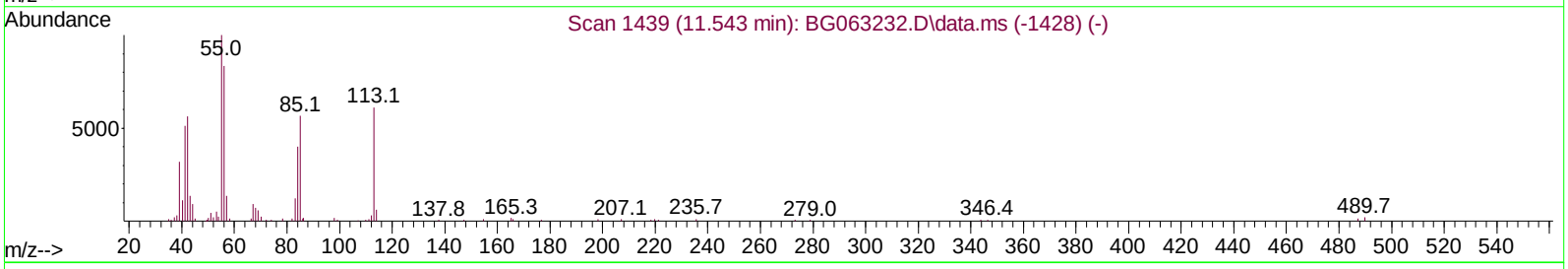
Instrument :
BNA_G
ClientSampleId :
SLCS772

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024







TIC: BG063280.D\data.ms

(34) Caprolactam

11.594min (+ 0.058) 7.24 ng/ul

response 33192

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	128.78
56.00	105.40	116.59
0.00	0.00	0.00

Quantitation Report (Qedit)

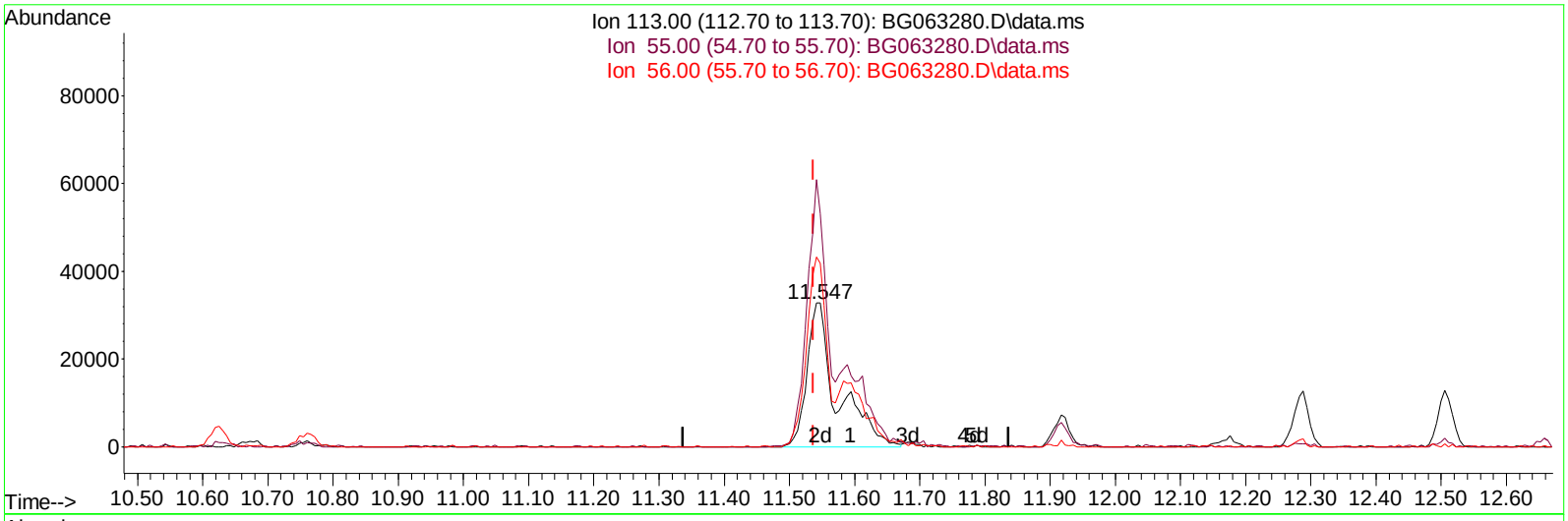
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063280.D
Acq On : 10 Nov 2024 1:36
Operator : RC/JU
Sample : PB164772BS
Misc :
ALS Vial : 59 Sample Multiplier: 1

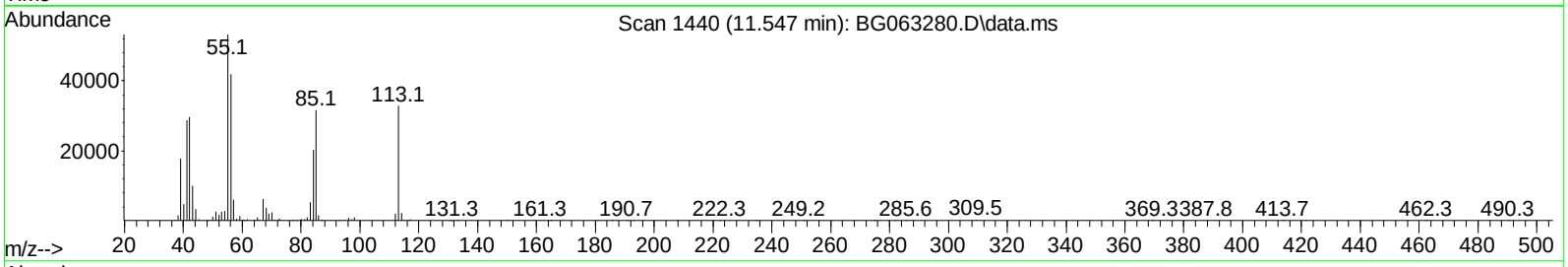
Quant Time: Nov 10 01:19:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

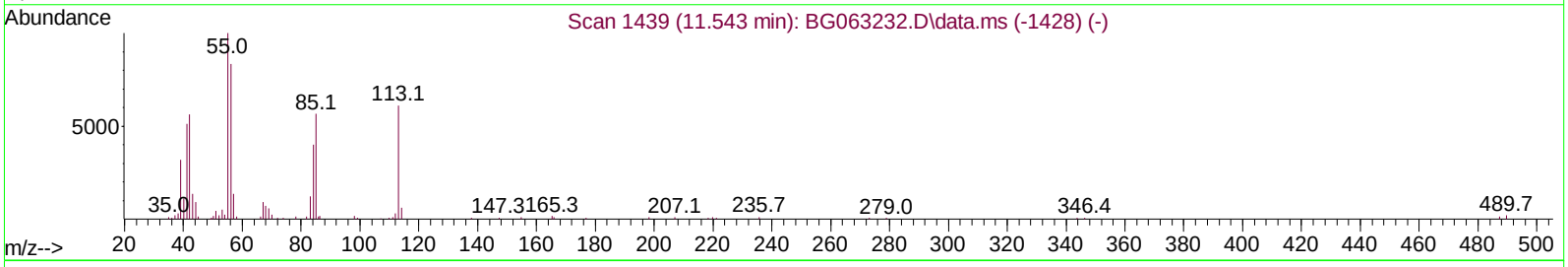
Instrument :
BNA_G
ClientSampleId :
SLCS772

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024







TIC: BG063280.D\data.ms

(34) Caprolactam

11.547min (+ 0.011) 22.98 ng/ul m

response 105404

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	162.21
56.00	105.40	127.76#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063280.D
Acq On : 10 Nov 2024 1:36
Operator : RC/JU
Sample : PB164772BS
Misc :
ALS Vial : 59 Sample Multiplier: 1

Quant Time: Nov 10 01:21:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS772

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	138589	20.000	ng/ul	0.00
20) Naphthalene-d8	10.625	136	656529	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.473	164	562216	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.223	188	1339269	20.000	ng/ul	0.00
79) Chrysene-d12	21.477	240	1356211	20.000	ng/ul	# 0.00
88) Perylene-d12	24.514	264	1425203	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.304	96	14879m	4.855	ng/uL	0.00
4) Pyridine-d5	3.704	84	266995	26.356	ng/ul	0.00
7) Phenol-d5	7.011	99	380503	30.427	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.164	67	205224	27.978	ng/ul	0.00
11) 2-Chlorophenol-d4	7.370	132	258338	31.827	ng/ul	0.00
15) 4-Methylphenol-d8	8.545	113	311134	29.353	ng/ul	0.00
21) Nitrobenzene-d5	8.986	128	135329	29.320	ng/ul	0.00
24) 2-Nitrophenol-d4	9.708	143	170877	28.645	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.249	165	358951	30.661	ng/ul	0.00
31) 4-Chloroaniline-d4	10.760	131	377601	24.764	ng/ul	0.00
46) Dimethylphthalate-d6	13.880	166	1098363	24.941	ng/ul	0.00
49) Acenaphthylene-d8	14.162	160	1249718	28.993	ng/ul	0.00
54) 4-Nitrophenol-d4	14.691	143	161812	26.836	ng/ul	0.01
60) Fluorene-d10	15.466	176	1029837	27.708	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.595	200	226687	26.932	ng/ul	0.00
73) Anthracene-d10	17.323	188	1689090	29.345	ng/ul	0.00
81) Pyrene-d10	19.620	212	2041767	30.027	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.303	264	2095531	30.454	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	34602	9.171	ng/uL#	84
5) Pyridine	3.721	79	271822	26.299	ng/ul	93
6) Benzaldehyde	6.976	77	24205	3.502	ng/ul#	82
8) Phenol	7.035	94	395027	28.986	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.258	93	248460	26.807	ng/ul	88
12) 2-Chlorophenol	7.399	128	268226	30.893	ng/ul	97
13) 2-Methylphenol	8.280	108	283222	28.451	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.351	45	326426	27.865	ng/ul	97
16) Acetophenone	8.651	105	448190	26.261	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.639	70	258640	25.981	ng/ul	98
18) 4-Methylphenol	8.610	108	312834	27.637	ng/ul	98
19) Hexachloroethane	8.909	117	103366	29.378	ng/ul	93
22) Nitrobenzene	9.033	77	385781	27.107	ng/ul	99
23) Isophorone	9.555	82	700040	23.306	ng/ul	97
25) 2-Nitrophenol	9.743	139	167082	28.334	ng/ul	93
26) 2,4-Dimethylphenol	9.808	107	324860	25.256	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.037	93	377625	26.079	ng/ul	97
29) 2,4-Dichlorophenol	10.278	162	332160	30.096	ng/ul	95
30) Naphthalene	10.672	128	927390	27.607	ng/ul	100
32) 4-Chloroaniline	10.783	127	186396	12.772	ng/ul	96
33) Hexachlorobutadiene	10.960	225	276398	26.167	ng/ul	97
34) Caprolactam	11.547	113	105404m	22.978	ng/ul	
35) 4-Chloro-3-methylphenol	11.917	107	342895	25.893	ng/ul	92

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063280.D
Acq On : 10 Nov 2024 1:36
Operator : RC/JU
Sample : PB164772BS
Misc :
ALS Vial : 59 Sample Multiplier: 1

Quant Time: Nov 10 01:21:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS772

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.288	142	706408	26.532	ng/ul	100
37) 1-Methylnaphthalene	12.505	142	695843	25.132	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	12.658	216	547445	27.622	ng/ul	99
40) Hexachlorocyclopentadiene	12.640	237	177839	16.433	ng/ul#	97
41) 2,4,6-Trichlorophenol	12.904	196	322287	30.126	ng/ul	96
42) 2,4,5-Trichlorophenol	12.981	196	344354	29.684	ng/ul	88
43) 1,1'-Biphenyl	13.304	154	1020173	28.627	ng/ul	98
44) 2-Chloronaphthalene	13.345	162	786078	28.333	ng/ul	97
45) 2-Nitroaniline	13.551	65	255409	26.987	ng/ul	92
47) Dimethylphthalate	13.927	163	1009372	23.904	ng/ul	98
48) 2,6-Dinitrotoluene	14.050	165	216503	26.794	ng/ul	98
50) Acenaphthylene	14.191	152	1182980	27.551	ng/ul#	97
51) 3-Nitroaniline	14.379	138	202127	28.658	ng/ul	98
52) Acenaphthene	14.538	153	856781	27.879	ng/ul	99
53) 2,4-Dinitrophenol	14.591	184	119924	22.511	ng/ul	88
55) 4-Nitrophenol	14.702	109	188846	24.098	ng/ul	98
56) Dibenzofuran	14.873	168	1280140	27.212	ng/ul	97
57) 2,4-Dinitrotoluene	14.843	165	331406	25.932	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.102	232	341049	28.387	ng/ul	97
59) Diethylphthalate	15.296	149	1025416	23.686	ng/ul	100
61) Fluorene	15.525	166	1071345	26.908	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.513	204	660225	25.802	ng/ul	97
63) 4-Nitroaniline	15.548	138	230587	32.302	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.613	198	232654	26.634	ng/ul	99
67) N-Nitrosodiphenylamine	15.731	169	889706	29.779	ng/ul	99
68) 4-Bromophenyl-phenylether	16.412	248	446225	29.145	ng/ul	96
69) Hexachlorobenzene	16.536	284	463904	28.442	ng/ul	98
70) Atrazine	16.682	200	416852	25.505	ng/ul	98
71) Pentachlorophenol	16.882	266	231900	28.360	ng/ul	94
72) Phenanthrene	17.264	178	1749719	28.595	ng/ul	99
74) Anthracene	17.358	178	1794762	28.632	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.269	216	560705	32.376	ng/ul	98
76) Pentachlorobenzene	14.796	250	560959	30.374	ng/ul	97
77) Carbazole	17.628	167	1479608	28.430	ng/ul	98
78) Di-n-butylphthalate	18.192	149	1671325	28.232	ng/ul	99
80) Fluoranthene	19.285	202	2198317	29.910	ng/ul#	96
82) Pyrene	19.650	202	2309803	29.649	ng/ul#	96
83) Butylbenzylphthalate	20.543	149	747082	32.813	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.377	252	843405	28.921	ng/ul	99
85) Benzo(a)anthracene	21.459	228	2499171	29.133	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.371	149	1076364	32.456	ng/ul	99
87) Chrysene	21.524	228	2305541	28.826	ng/ul	97
89) Di-n-octyl phthalate	22.517	149	1845789	32.865	ng/ul	100
90) Benzo(b)fluoranthene	23.557	252	2563728	29.898	ng/ul	98
91) Benzo(k)fluoranthene	23.615	252	2416942	28.298	ng/ul	100
93) Benzo(a)pyrene	24.368	252	2303730	29.044	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.934	276	2852486	29.318	ng/ul	97
95) Dibenzo(a,h)anthracene	27.987	278	2316645	29.206	ng/ul#	98
96) Benzo(g,h,i)perylene	28.997	276	2183275	29.597	ng/ul	99

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

Instrument :
BNA_G
ClientSampleId :
SLCS772

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063280.D
Acq On : 10 Nov 2024 1:36
Operator : RC/JU
Sample : PB164772BS
Misc :
ALS Vial : 59 Sample Multiplier: 1

Quant Time: Nov 10 01:21:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS772

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024