Quantitation Report (Qedit)

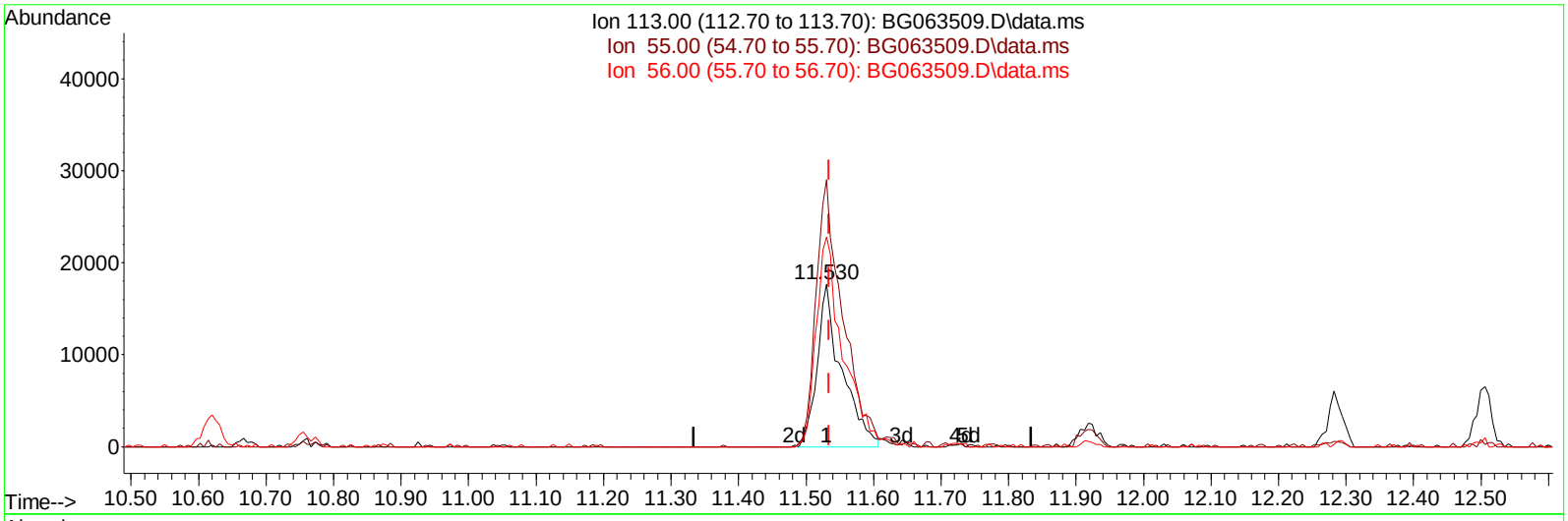
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112124\
Data File : BG063509.D
Acq On : 21 Nov 2024 17:32
Operator : RC/JU
Sample : SSTDCCC020EC
Misc : MDL-ME-SOIL-QT4-2024
ALS Vial : 2 Sample Multiplier: 1

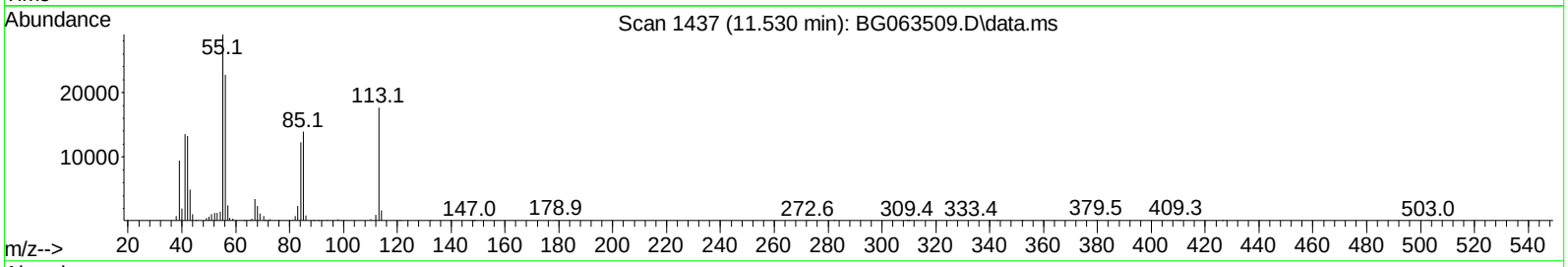
Quant Time: Nov 21 18:08:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 14:52:38 2024
Response via : Initial Calibration

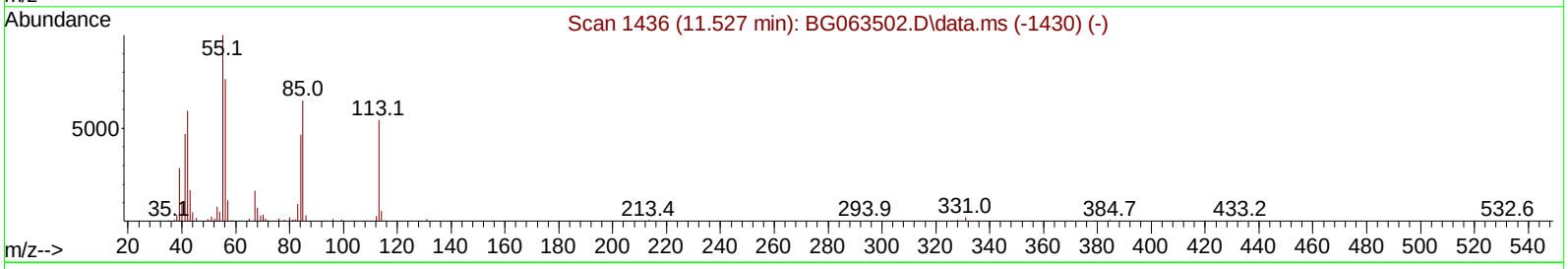
Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024







TIC: BG063509.D\data.ms

(34) Caprolactam

11.530min (-0.004) 19.49 ng/ul

response 44708

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	164.07
56.00	137.20	128.87
0.00	0.00	0.00

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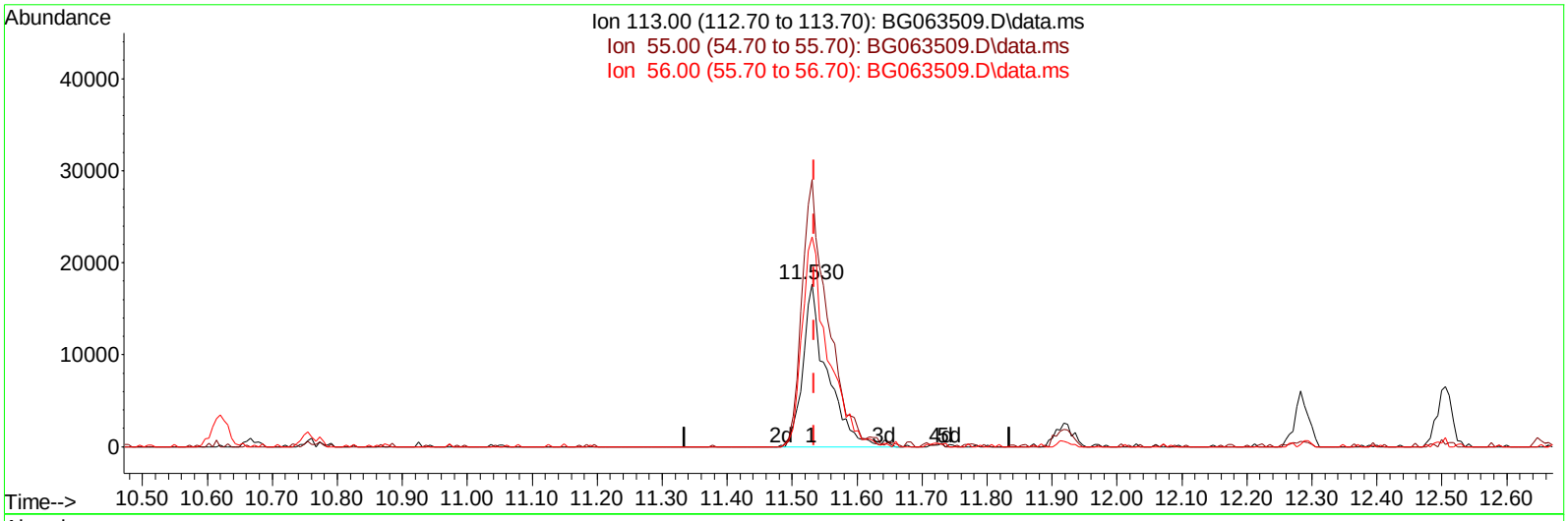

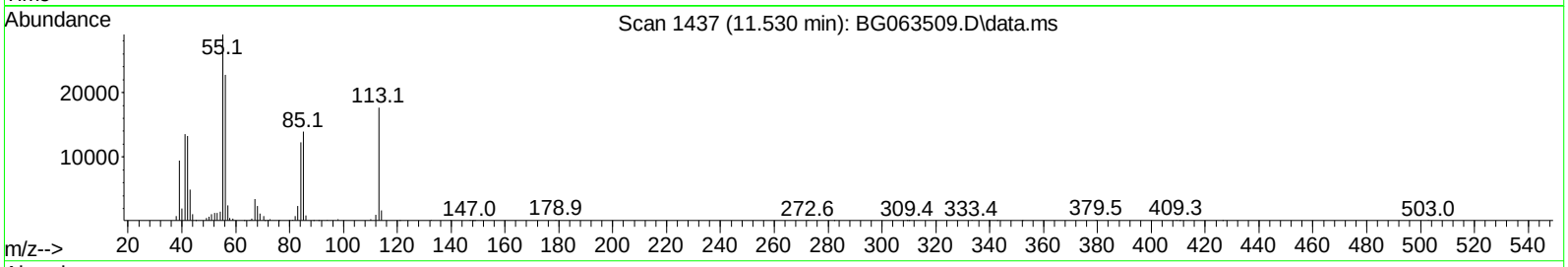

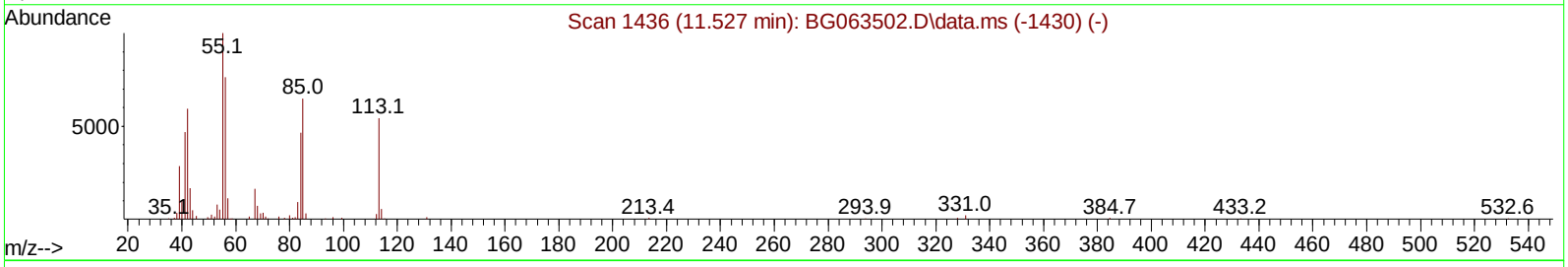

TIC: BG063509.D\data.ms

(34) Caprolactam

11.530min (-0.004) 20.08 ng/ul m

response 46061

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	164.07
56.00	137.20	128.87
0.00	0.00	0.00

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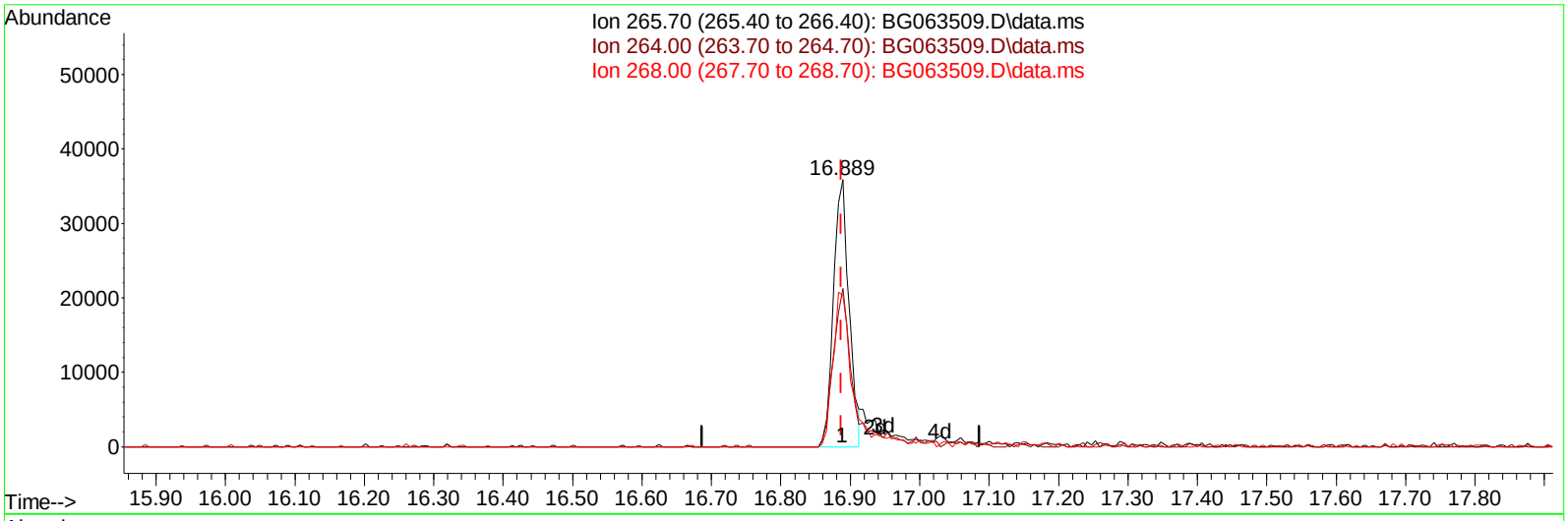

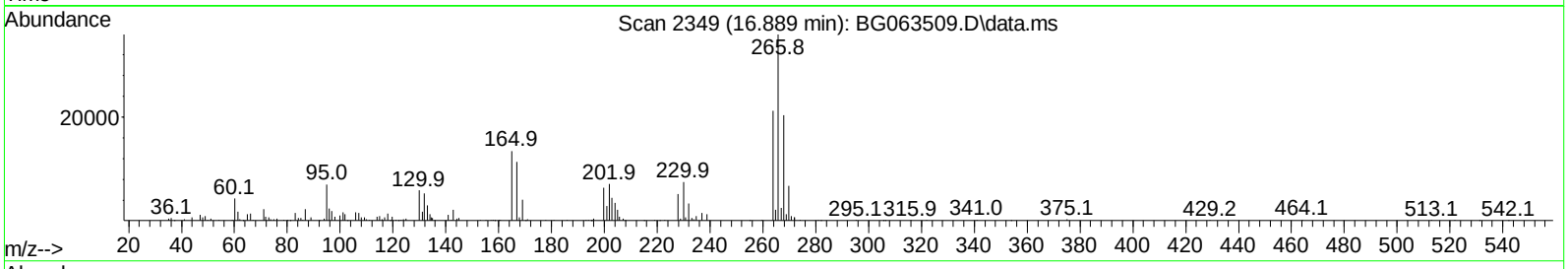

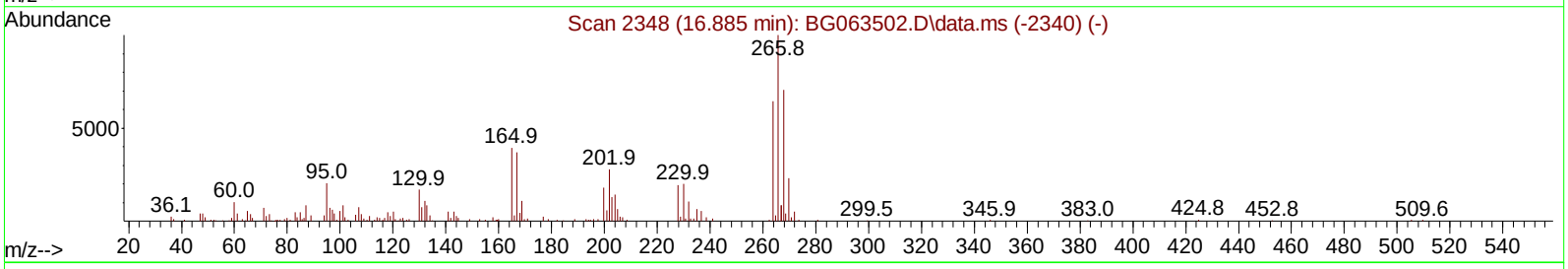

TIC: BG063509.D\data.ms

(71) Pentachlorophenol (C)

16.889min (+ 0.002) 13.23 ng/ul

response 56275

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	54.50	59.21
268.00	64.20	56.80
0.00	0.00	0.00

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Instrument :
BNA_G
LabSampleId :
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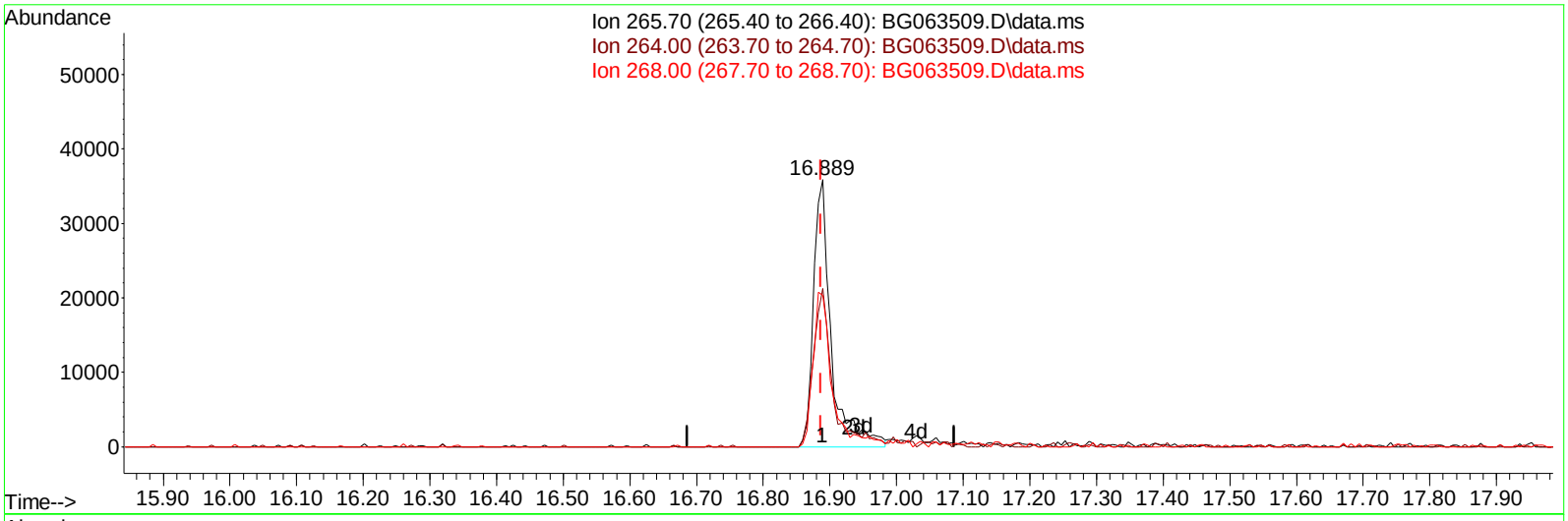

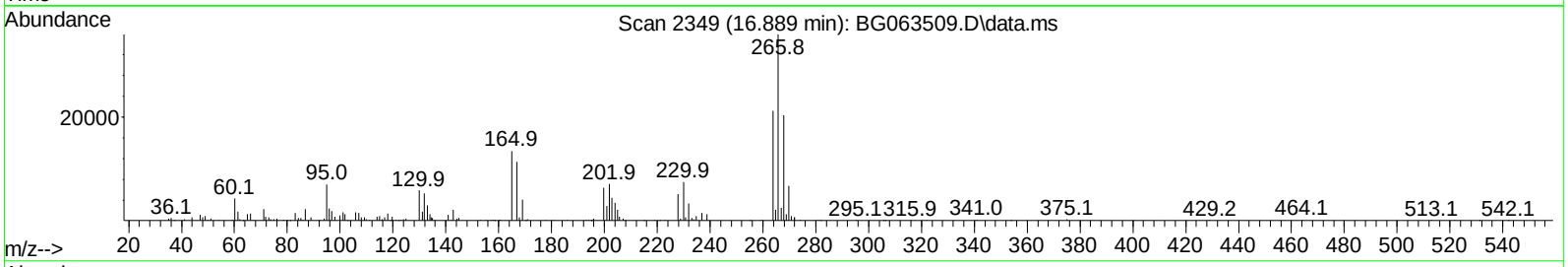

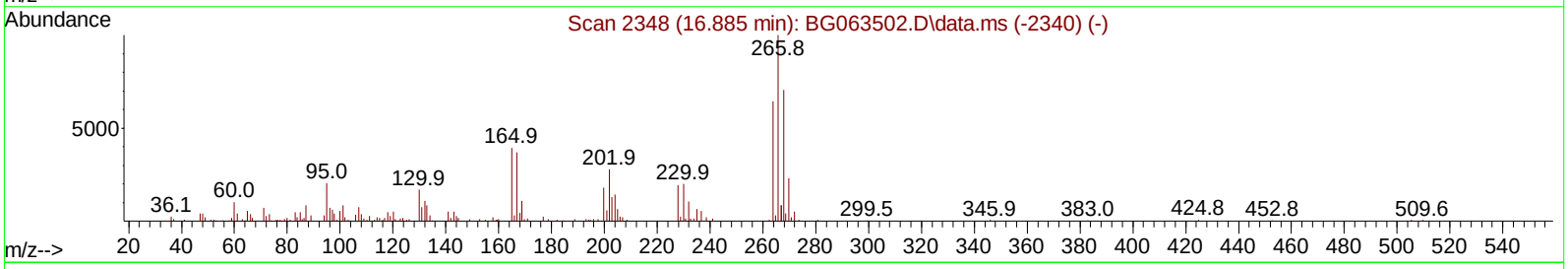

TIC: BG063509.D\data.ms

(71) Pentachlorophenol (C)

16.889min (+ 0.002) 15.54 ng/ul m

response 66101

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	54.50	59.21
268.00	64.20	56.80
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Time: Nov 21 18:12:56 2024
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Instrument :
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LabSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/22/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	97614	20.000	ng/ul	0.00
20) Naphthalene-d8	10.620	136	411327	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.474	164	321934	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	774040	20.000	ng/ul	0.00
79) Chrysene-d12	21.484	240	822139	20.000	ng/ul	0.00
88) Perylene-d12	24.521	264	891948	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	20269	8.196	ng/uL	0.00
4) Pyridine-d5	3.704	84	152552	19.679	ng/ul	0.00
7) Phenol-d5	7.006	99	173190	21.573	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.159	67	115050	22.344	ng/ul	0.00
11) 2-Chlorophenol-d4	7.365	132	131579	23.127	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	145661	21.712	ng/ul	0.00
21) Nitrobenzene-d5	8.986	128	67603	22.887	ng/ul	0.00
24) 2-Nitrophenol-d4	9.703	143	77692	21.291	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	150200	21.565	ng/ul	0.00
31) 4-Chloroaniline-d4	10.755	131	189365	21.495	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	462524	21.164	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	534342	21.440	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	63181	19.457	ng/ul	0.00
60) Fluorene-d10	15.467	176	424987	21.401	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.596	200	86431	19.862	ng/ul	0.00
73) Anthracene-d10	17.324	188	720623	21.429	ng/ul	0.00
81) Pyrene-d10	19.627	212	917893	22.273	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.315	264	924461	21.369	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	22709	7.777	ng/uL	99
5) Pyridine	3.722	79	154170	19.545	ng/ul	94
6) Benzaldehyde	6.971	77	119297	25.962	ng/ul	97
8) Phenol	7.030	94	186848	21.344	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.253	93	141365	22.372	ng/ul	98
12) 2-Chlorophenol	7.394	128	132100	21.753	ng/ul	97
13) 2-Methylphenol	8.275	108	139094	21.355	ng/ul	87
14) 2,2'-oxybis(1-Chloropr...	8.346	45	206242	22.281	ng/ul	94
16) Acetophenone	8.646	105	231560	21.850	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.634	70	129789	21.915	ng/ul	97
18) 4-Methylphenol	8.604	108	153174	21.441	ng/ul	92
19) Hexachloroethane	8.904	117	53112	20.251	ng/ul	97
22) Nitrobenzene	9.028	77	191010	21.079	ng/ul	95
23) Isophorone	9.545	82	353296	21.351	ng/ul	96
25) 2-Nitrophenol	9.738	139	80814	22.322	ng/ul	91
26) 2,4-Dimethylphenol	9.803	107	166689	21.359	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.032	93	192967	21.066	ng/ul	100
29) 2,4-Dichlorophenol	10.273	162	143352	21.066	ng/ul	96
30) Naphthalene	10.667	128	451964	21.495	ng/ul	96
32) 4-Chloroaniline	10.784	127	180164	21.402	ng/ul	99
33) Hexachlorobutadiene	10.961	225	124229	20.467	ng/ul	91
34) Caprolactam	11.530	113	46061m	20.084	ng/ul	
35) 4-Chloro-3-methylphenol	11.918	107	151079	21.814	ng/ul	97

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Quant Time: Nov 21 18:12:56 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 14:52:38 2024
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BNA_G
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SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.283	142	320684	21.487	ng/ul	98
37) 1-Methylnaphthalene	12.506	142	333507	21.282	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.659	216	234417	20.721	ng/ul	97
40) Hexachlorocyclopentadiene	12.635	237	82404	17.077	ng/ul	95
41) 2,4,6-Trichlorophenol	12.899	196	122487	19.732	ng/ul	97
42) 2,4,5-Trichlorophenol	12.976	196	136116	21.247	ng/ul	97
43) 1,1'-Biphenyl	13.299	154	459448	21.504	ng/ul	100
44) 2-Chloronaphthalene	13.340	162	357705	21.307	ng/ul	99
45) 2-Nitroaniline	13.552	65	113325	21.417	ng/ul	96
47) Dimethylphthalate	13.928	163	444524	20.876	ng/ul#	99
48) 2,6-Dinitrotoluene	14.051	165	90432	20.934	ng/ul	88
50) Acenaphthylene	14.192	152	545116	21.758	ng/ul	95
51) 3-Nitroaniline	14.380	138	87513	22.119	ng/ul	93
52) Acenaphthene	14.539	153	394062	21.777	ng/ul	97
53) 2,4-Dinitrophenol	14.597	184	30791	13.883	ng/ul	96
55) 4-Nitrophenol	14.703	109	66724	17.681	ng/ul	96
56) Dibenzofuran	14.874	168	558635	21.517	ng/ul	99
57) 2,4-Dinitrotoluene	14.844	165	142603	21.572	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.103	232	116085	19.069	ng/ul#	98
59) Diethylphthalate	15.297	149	453015	21.063	ng/ul	98
61) Fluorene	15.526	166	470097	21.272	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.514	204	277316	21.029	ng/ul	98
63) 4-Nitroaniline	15.543	138	93931	23.190	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.608	198	92563	19.906	ng/ul#	98
67) N-Nitrosodiphenylamine	15.731	169	392721	21.370	ng/ul	94
68) 4-Bromophenyl-phenylether	16.413	248	186829	21.542	ng/ul	97
69) Hexachlorobenzene	16.536	284	194853	21.429	ng/ul#	87
70) Atrazine	16.689	200	184777	20.811	ng/ul	94
71) Pentachlorophenol	16.889	266	66101m	15.545	ng/ul	
72) Phenanthrene	17.265	178	790824	21.433	ng/ul	96
74) Anthracene	17.359	178	815659	21.648	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.270	216	238518	21.178	ng/ul	94
76) Pentachlorobenzene	14.797	250	236775	21.289	ng/ul	98
77) Carbazole	17.629	167	683583	21.866	ng/ul	98
78) Di-n-butylphthalate	18.193	149	780323	21.773	ng/ul	99
80) Fluoranthene	19.292	202	1005245	22.061	ng/ul	99
82) Pyrene	19.656	202	1075634	22.029	ng/ul	99
83) Butylbenzylphthalate	20.549	149	344768	21.758	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.384	252	397073	22.484	ng/ul	97
85) Benzo(a)anthracene	21.466	228	1130429	21.265	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.384	149	500396	21.727	ng/ul	98
87) Chrysene	21.531	228	1070796	21.542	ng/ul	98
89) Di-n-octyl phthalate	22.529	149	876284	22.142	ng/ul	100
90) Benzo(b)fluoranthene	23.563	252	1126027	21.027	ng/ul	99
91) Benzo(k)fluoranthene	23.628	252	1171710	21.804	ng/ul	99
93) Benzo(a)pyrene	24.386	252	1068967	21.328	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.958	276	1313100	21.122	ng/ul	99
95) Dibenzo(a,h)anthracene	28.011	278	1076002	21.171	ng/ul	97
96) Benzo(g,h,i)perylene	29.028	276	1002863	21.276	ng/ul	95

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

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BNA_G
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