Quantitation Report (Qedit)

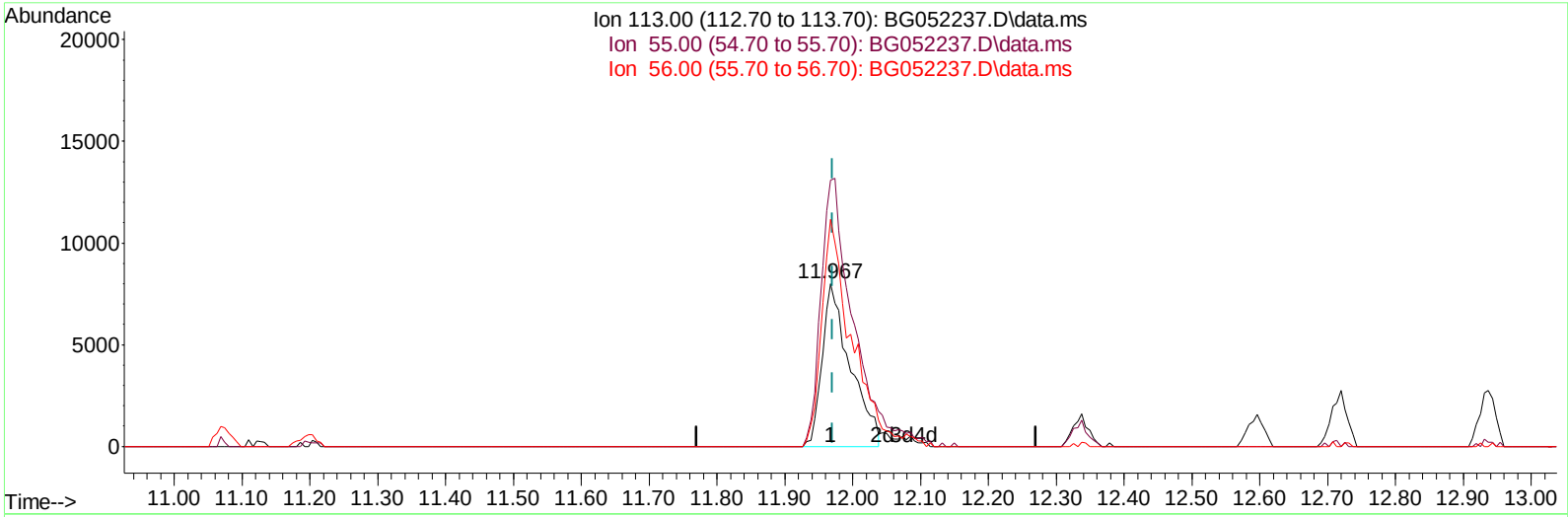
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020122\
Data File : BG052237.D
Acq On : 1 Feb 2022 19:42
Operator : CG/JU
Sample : PB142408BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

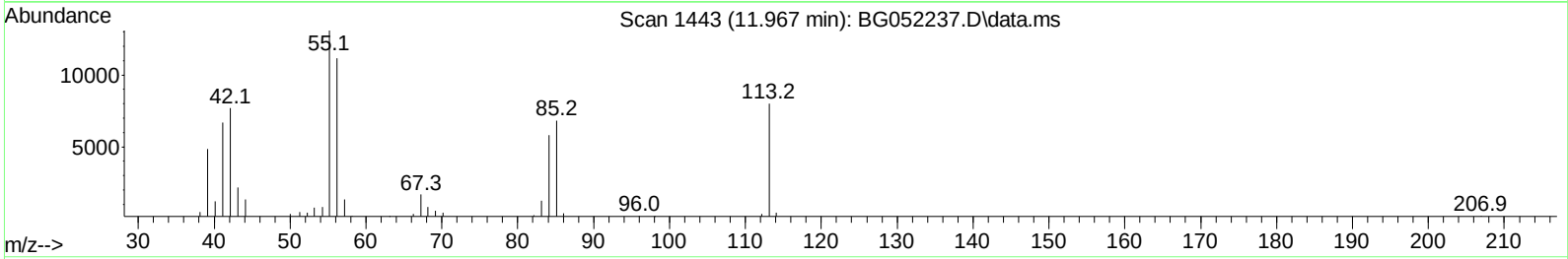
Quant Time: Feb 02 02:47:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG013122.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 31 18:07:10 2022
Response via : Initial Calibration

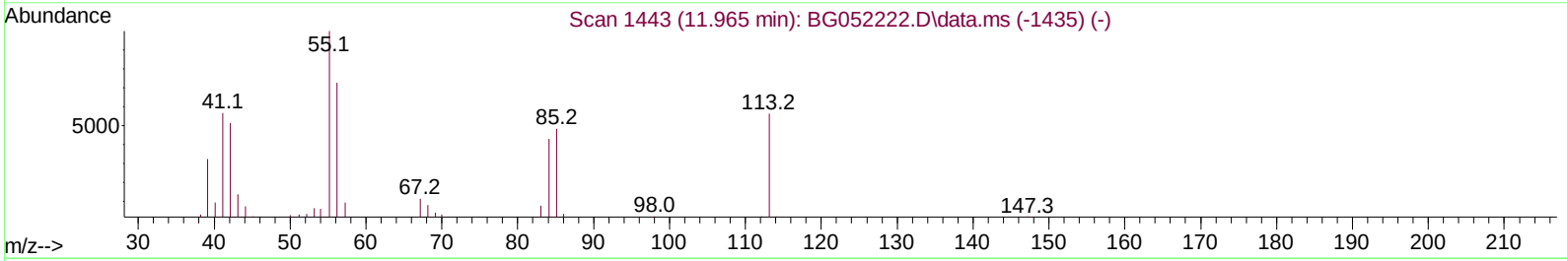
Instrument :
BNA_G
ClientSampleId :
SLCS408

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2022
Supervised By :mohammad ahmed 02/04/2022







TIC: BG052237.D\data.ms

(34) Caprolactam

11.967min (-0.003) 31.42 ng/ul

response 23003

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	163.53
56.00	136.50	139.55
0.00	0.00	0.00

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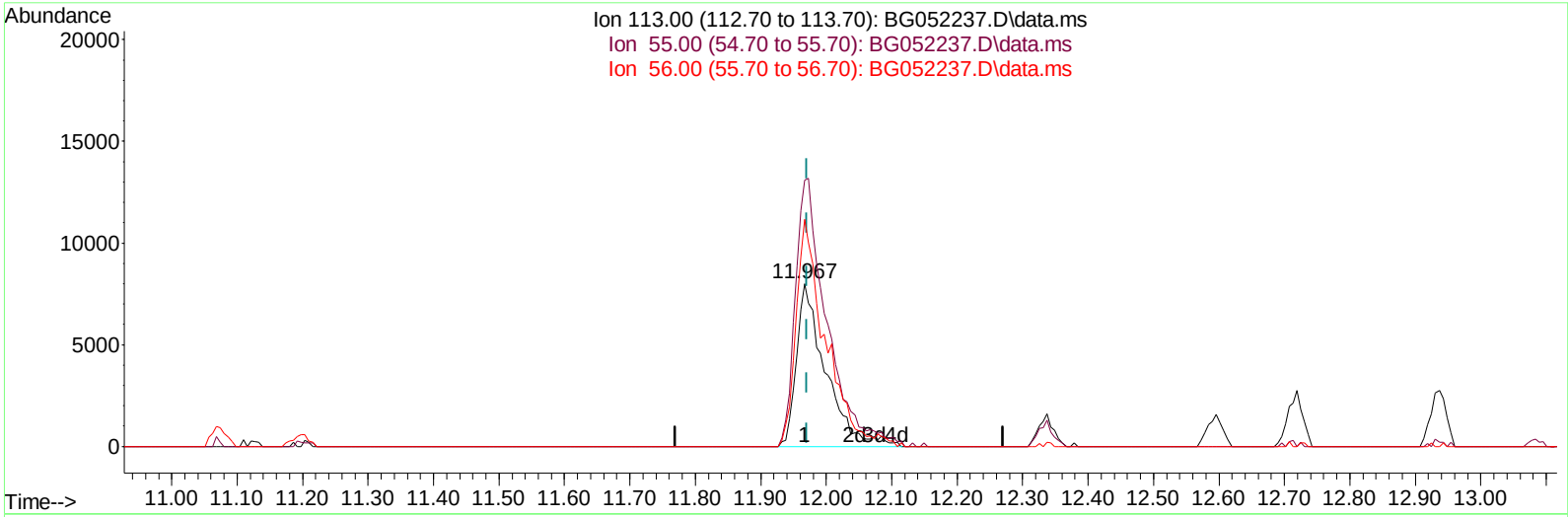

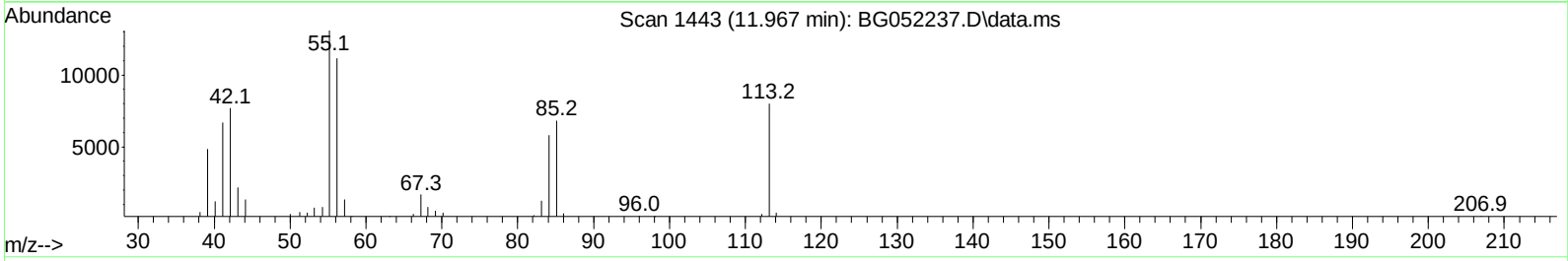

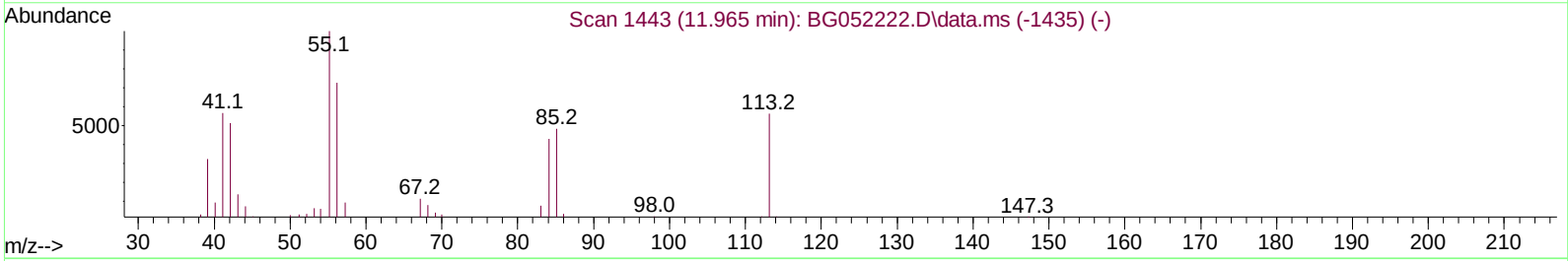

TIC: BG052237.D\data.ms

(34) Caprolactam

11.967min (-0.003) 33.58 ng/ul m

response 24584

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	163.53
56.00	136.50	139.55
0.00	0.00	0.00

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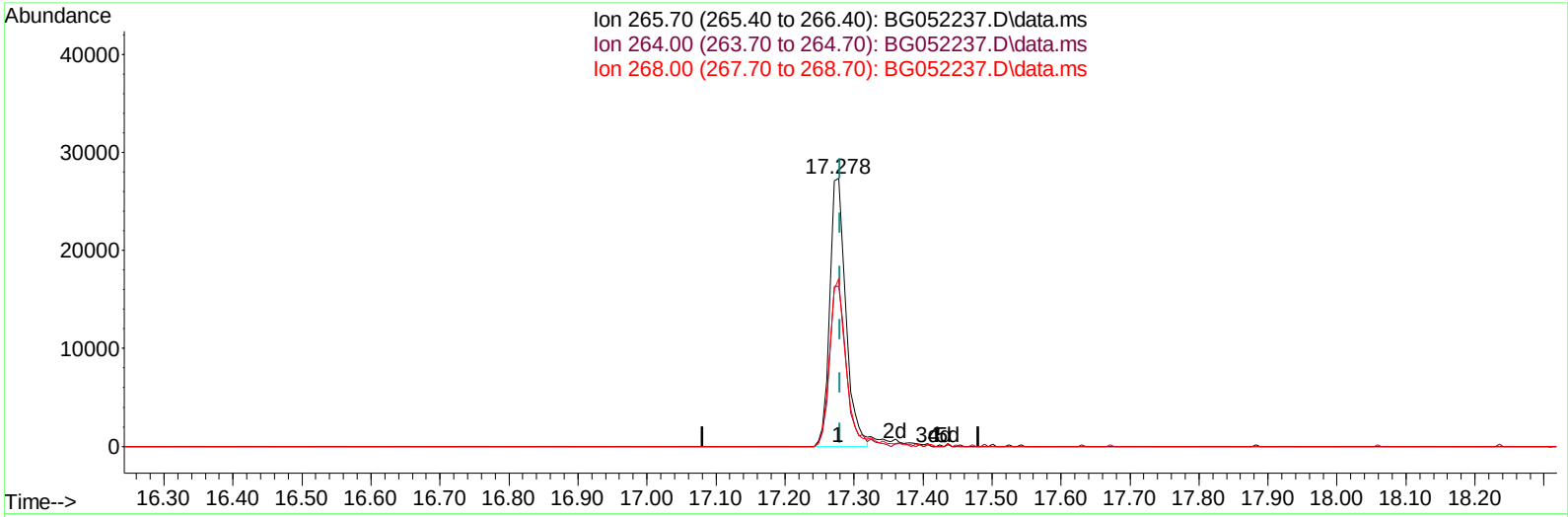

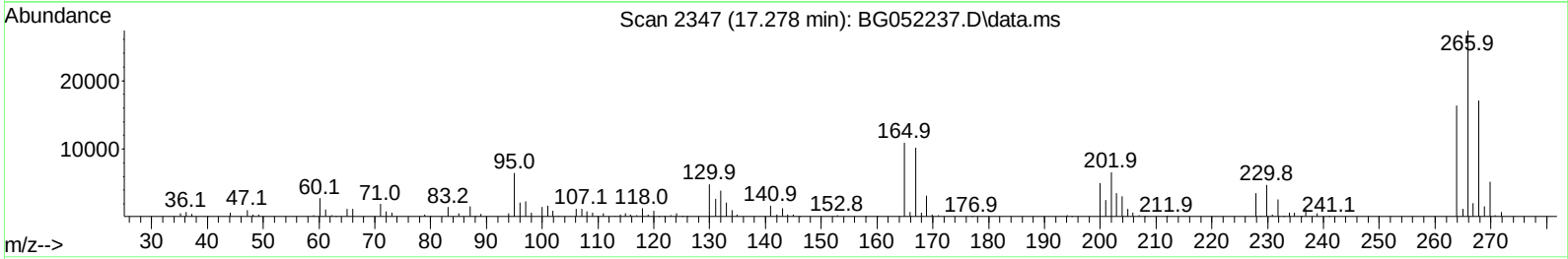

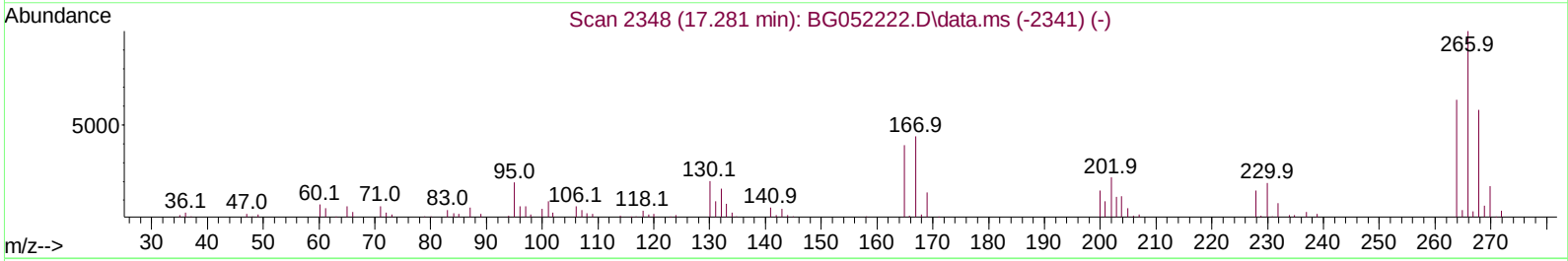

TIC: BG052237.D\data.ms

(71) Pentachlorophenol (C)

17.278min (-0.003) 31.00 ng/ul

response 44271

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	59.86
268.00	63.80	62.53
0.00	0.00	0.00

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ALS Vial : 17 Sample Multiplier: 1

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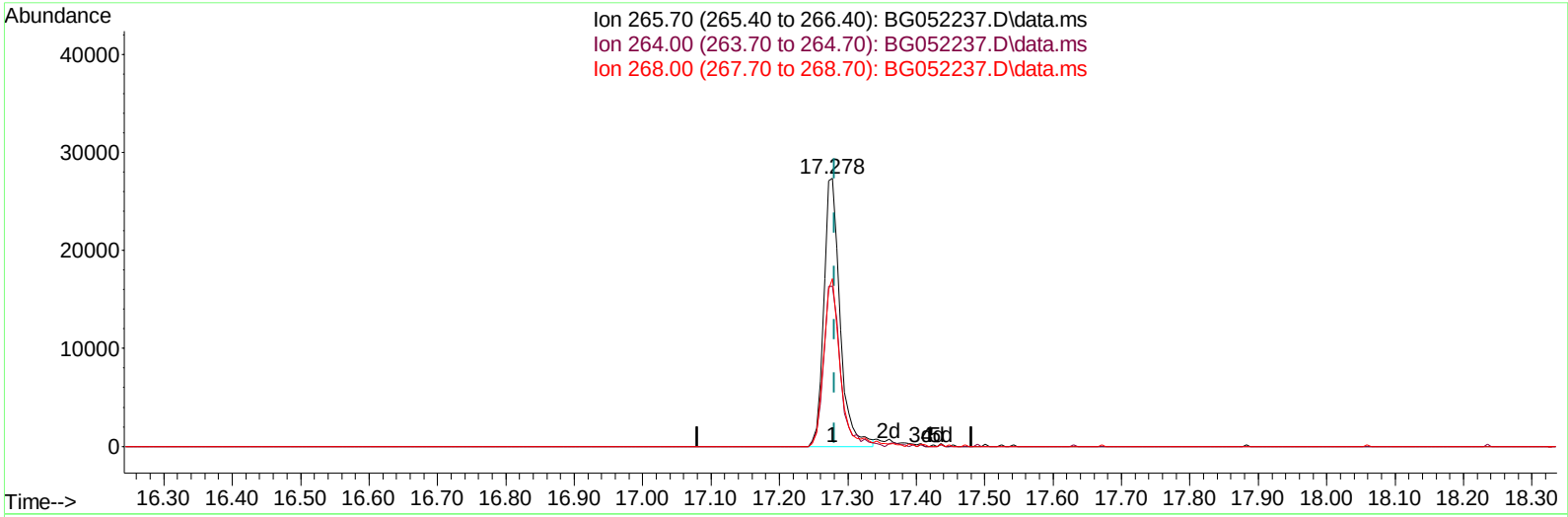

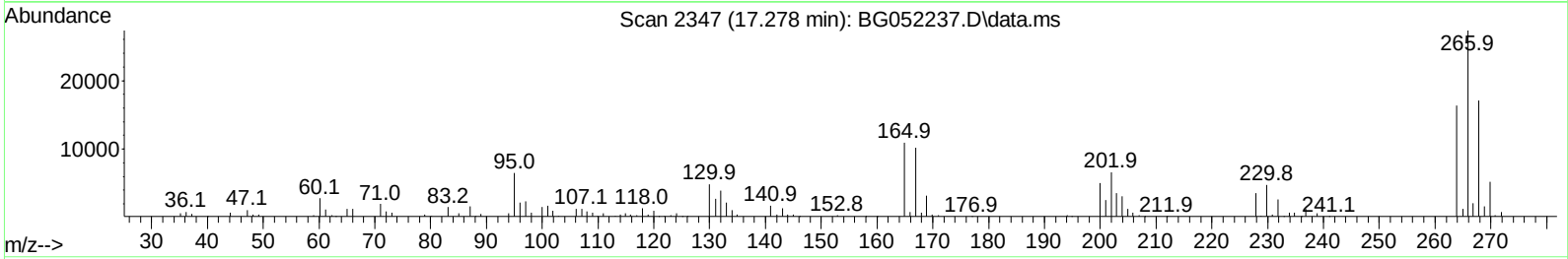

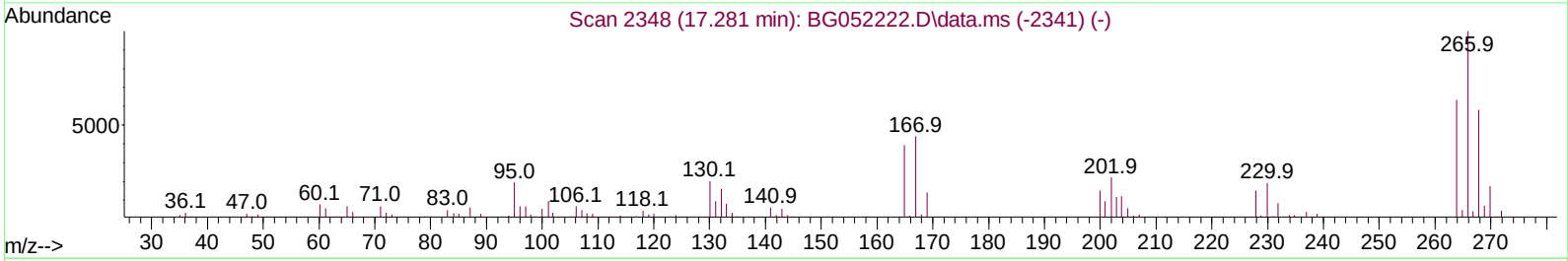

TIC: BG052237.D\data.ms

(71) Pentachlorophenol (C)

17.278min (-0.003) 31.61 ng/ul m

response 45134

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	59.86
268.00	63.80	62.53
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2022
Supervised By :mohammad ahmed 02/04/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.231	152	32250	20.000	ng/ul	0.00
20) Naphthalene-d8	11.074	136	134625	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.875	164	93823	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.624	188	219515	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.942	240	207066	20.000	ng/ul	# 0.00
88) Perylene-d12	25.414	264	210733	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.561	96	4286	5.362	ng/uL	0.00
4) Pyridine-d5	3.984	84	68620	27.598	ng/ul	0.00
7) Phenol-d5	7.379	99	89162	30.395	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.538	67	53621	30.088	ng/ul	0.00
11) 2-Chlorophenol-d4	7.761	132	64564	31.585	ng/ul	0.00
15) 4-Methylphenol-d8	8.942	113	70159	31.517	ng/ul	0.00
21) Nitrobenzene-d5	9.406	128	32619	29.757	ng/ul	0.00
24) 2-Nitrophenol-d4	10.134	143	35742	29.839	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.687	165	72566	31.076	ng/ul	0.00
31) 4-Chloroaniline-d4	11.198	131	81106	27.382	ng/ul	0.00
46) Dimethylphthalate-d6	14.270	166	236999	32.136	ng/ul	0.00
49) Acenaphthylene-d8	14.575	160	289138	31.455	ng/ul	0.00
54) 4-Nitrophenol-d4	15.063	143	36540	32.715	ng/ul	0.00
60) Fluorene-d10	15.868	176	206563	31.971	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.979	200	45732	33.745	ng/ul	0.00
73) Anthracene-d10	17.724	188	342424	33.088	ng/ul	0.00
81) Pyrene-d10	20.003	212	411610	33.168	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.173	264	392434	35.053	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.596	88	9885	11.094	ng/uL	95
5) Pyridine	4.007	79	71851	27.594	ng/ul	98
6) Benzaldehyde	7.356	77	52489	31.562	ng/ul	94
8) Phenol	7.403	94	91141	31.002	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.638	93	65209	29.353	ng/ul	93
12) 2-Chlorophenol	7.796	128	65306	30.948	ng/ul	94
13) 2-Methylphenol	8.672	108	66995	30.281	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.754	45	93917	29.598	ng/ul#	94
16) Acetophenone	9.059	105	103060	29.854	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.042	70	62248	30.061	ng/ul	100
18) 4-Methylphenol	9.001	108	70998	30.459	ng/ul	94
19) Hexachloroethane	9.335	117	27112	29.834	ng/ul	86
22) Nitrobenzene	9.447	77	91058	29.783	ng/ul#	98
23) Isophorone	9.976	82	168336	29.755	ng/ul	96
25) 2-Nitrophenol	10.170	139	38674	29.533	ng/ul	91
26) 2,4-Dimethylphenol	10.223	107	81631	30.233	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.452	93	90377	29.787	ng/ul	99
29) 2,4-Dichlorophenol	10.716	162	67821	30.045	ng/ul	93
30) Naphthalene	11.121	128	216713	29.440	ng/ul	97
32) 4-Chloroaniline	11.221	127	80653	26.410	ng/ul	100
33) Hexachlorobutadiene	11.409	225	55269	30.016	ng/ul	95
34) Caprolactam	11.967	113	24584m	33.580	ng/ul	
35) 4-Chloro-3-methylphenol	12.337	107	77736	31.928	ng/ul	95

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.719	142	155161	30.038	ng/ul	100
37) 1-Methylnaphthalene	12.937	142	158860	29.894	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.083	216	100657	29.805	ng/ul	97
40) Hexachlorocyclopentadiene	13.066	237	50913	26.408	ng/ul	95
41) 2,4,6-Trichlorophenol	13.312	196	62166	30.829	ng/ul	96
42) 2,4,5-Trichlorophenol	13.395	196	66689	30.706	ng/ul	98
43) 1,1'-Biphenyl	13.712	154	222967	30.314	ng/ul#	95
44) 2-Chloronaphthalene	13.759	162	169774	30.167	ng/ul	99
45) 2-Nitroaniline	13.953	65	60927	32.153	ng/ul	94
47) Dimethylphthalate	14.317	163	228019	31.899	ng/ul	99
48) 2,6-Dinitrotoluene	14.440	165	52141	33.812	ng/ul#	79
50) Acenaphthylene	14.599	152	284181	30.844	ng/ul	98
51) 3-Nitroaniline	14.769	138	43362	32.859	ng/ul	92
52) Acenaphthene	14.940	153	188867	31.269	ng/ul	93
53) 2,4-Dinitrophenol	14.975	184	25350	31.657	ng/ul	90
55) 4-Nitrophenol	15.075	109	38245	32.668	ng/ul	87
56) Dibenzofuran	15.275	168	271220	31.013	ng/ul	100
57) 2,4-Dinitrotoluene	15.222	165	73833	33.399	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.498	232	62150	32.691	ng/ul#	86
59) Diethylphthalate	15.674	149	239448	33.035	ng/ul	96
61) Fluorene	15.921	166	226928	31.270	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.909	204	125585	31.466	ng/ul	92
63) 4-Nitroaniline	15.932	138	47634	37.199	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.991	198	42353	32.814	ng/ul#	99
67) N-Nitrosodiphenylamine	16.120	169	199542	33.157	ng/ul	98
68) 4-Bromophenyl-phenylether	16.802	248	88221	33.292	ng/ul#	87
69) Hexachlorobenzene	16.937	284	98122	32.948	ng/ul#	89
70) Atrazine	17.060	200	83710	31.529	ng/ul	97
71) Pentachlorophenol	17.278	266	45134m	31.608	ng/ul	
72) Phenanthrene	17.665	178	382710	33.094	ng/ul	100
74) Anthracene	17.759	178	375388	32.889	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.688	216	105077	28.672	ng/uL	99
76) Pentachlorobenzene	15.198	250	108295	32.032	ng/uL	99
77) Carbazole	18.024	167	337033	33.879	ng/ul	99
78) Di-n-butylphthalate	18.564	149	404781	33.924	ng/ul	100
80) Fluoranthene	19.669	202	484249	33.136	ng/ul#	91
82) Pyrene	20.033	202	472874	33.052	ng/ul#	89
83) Butylbenzylphthalate	20.902	149	170309	34.029	ng/ul#	91
84) 3,3'-Dichlorobenzidine	21.819	252	150140	33.862	ng/ul#	95
85) Benzo(a)anthracene	21.918	228	469241	33.693	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.801	149	242594	33.816	ng/ul#	98
87) Chrysene	21.995	228	449060	34.126	ng/ul	98
89) Di-n-octyl phthalate	23.093	149	410751	34.356	ng/ul	100
90) Benzo(b)fluoranthene	24.303	252	499557	34.186	ng/ul#	96
91) Benzo(k)fluoranthene	24.374	252	463870	34.696	ng/ul#	95
93) Benzo(a)pyrene	25.249	252	462796	33.958	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.426	276	544553	35.869	ng/ul#	90
95) Dibenzo(a,h)anthracene	29.491	278	462814	36.766	ng/ul#	93
96) Benzo(g,h,i)perylene	30.677	276	455130	35.219	ng/ul#	88

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

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