Quantitation Report (Qedit)

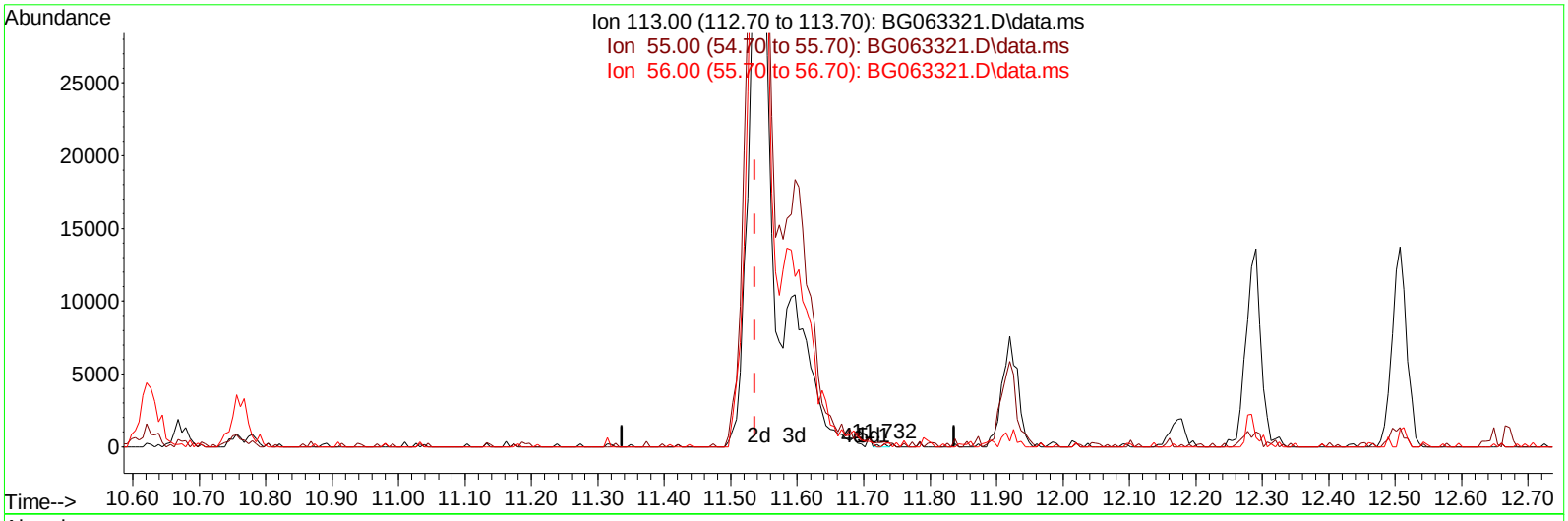
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
Data File : BG063321.D
Acq On : 12 Nov 2024 12:06
Operator : RC/JU
Sample : PB164671BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

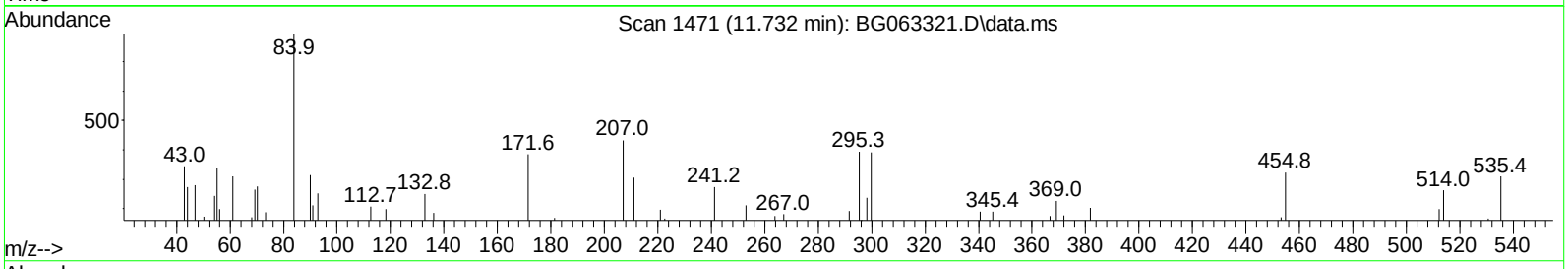
Quant Time: Nov 12 12:26:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

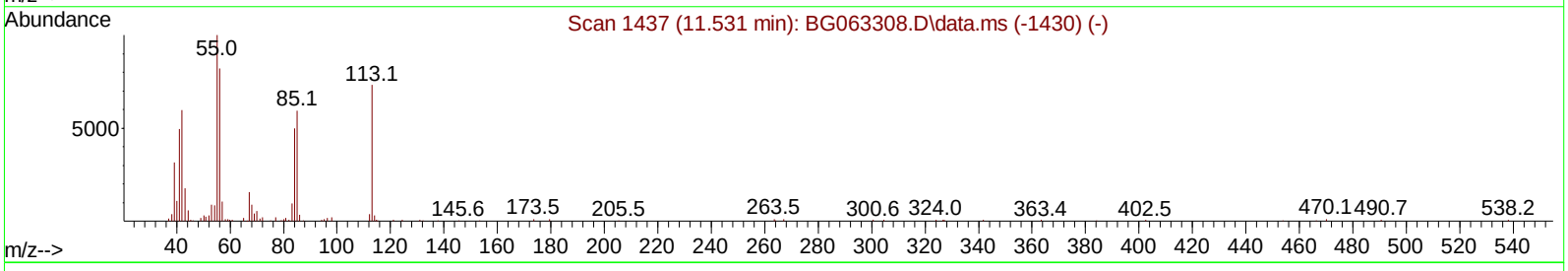
Instrument :
BNA_G
ClientSampleId :
SLCS671

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/14/2024







TIC: BG063321.D\data.ms

(34) Caprolactam

11.732min (+ 0.195) 0.03 ng/ul

response 132

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	162.02
56.00	105.40	95.67
0.00	0.00	0.00

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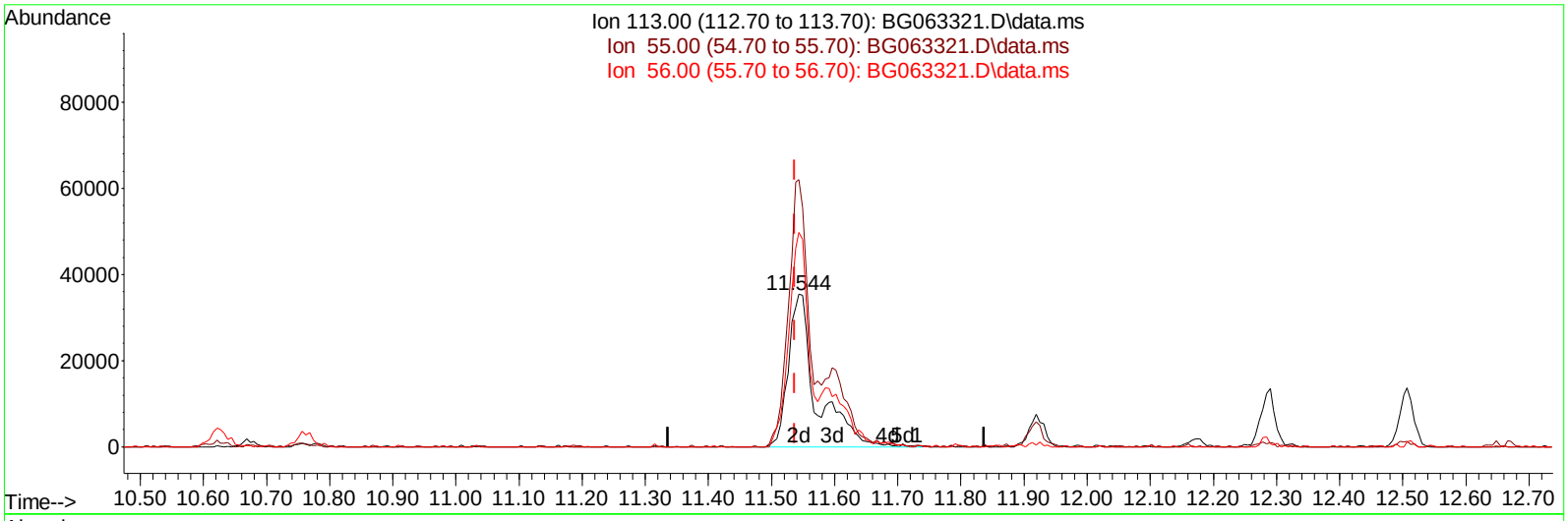

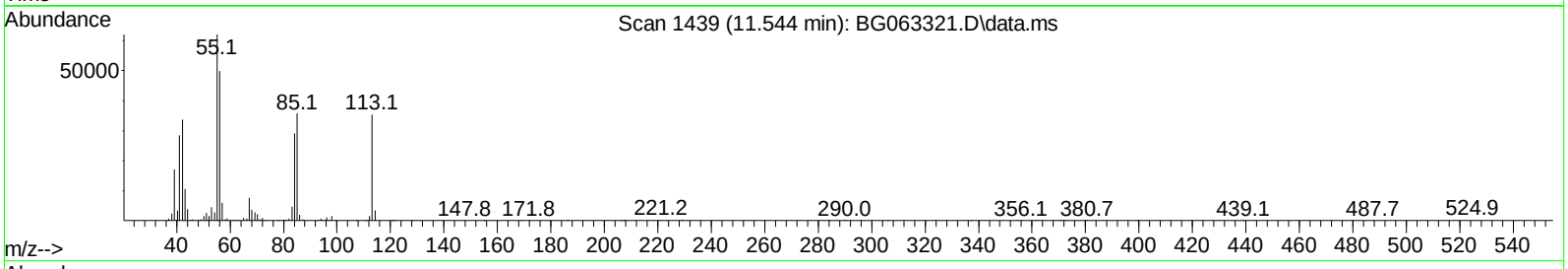

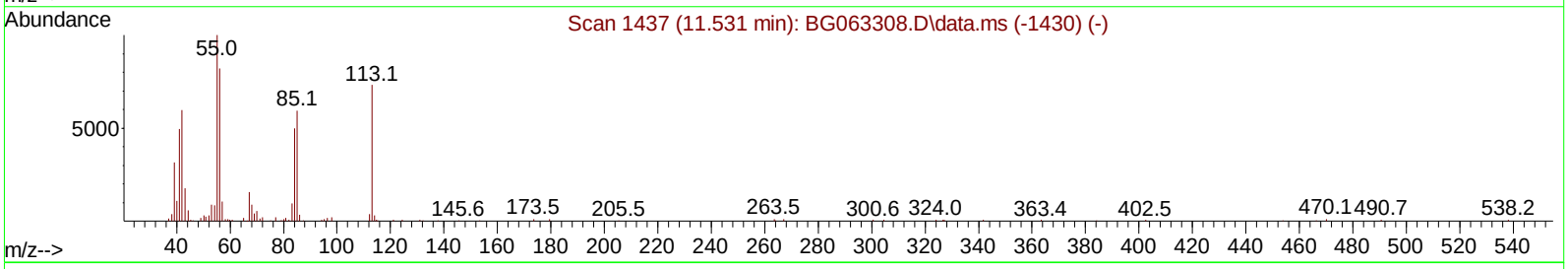

TIC: BG063321.D\data.ms

(34) Caprolactam

11.544min (+ 0.007) 27.03 ng/ul m

response 109826

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	174.93
56.00	105.40	140.49#
0.00	0.00	0.00

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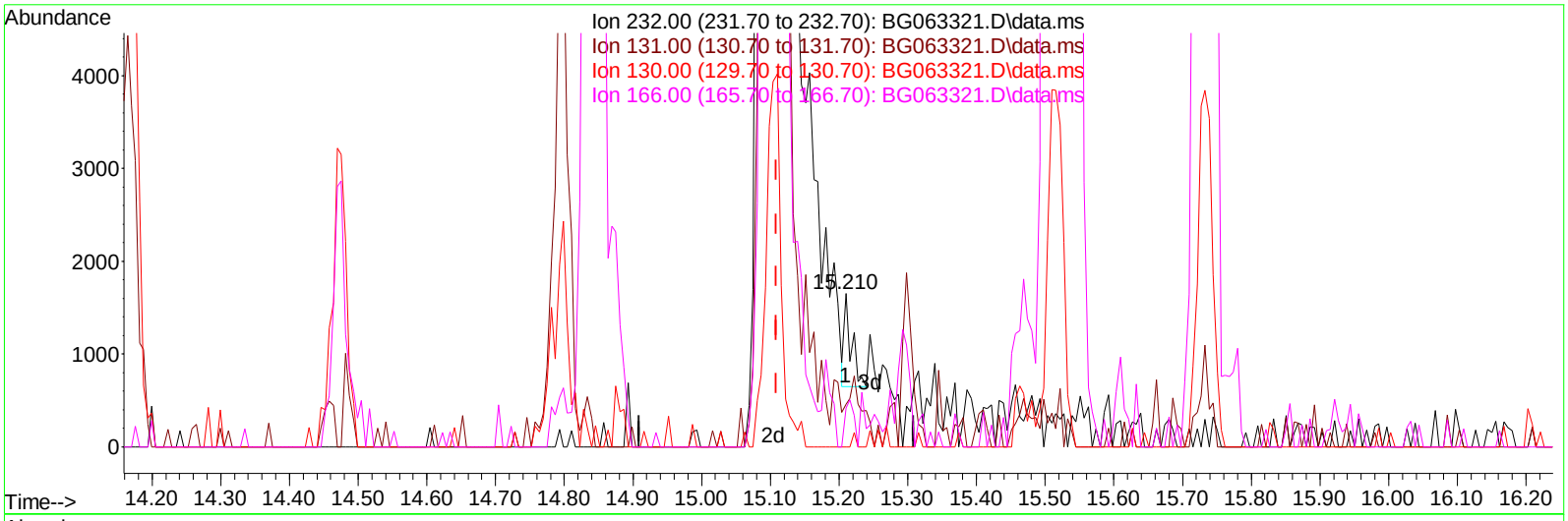

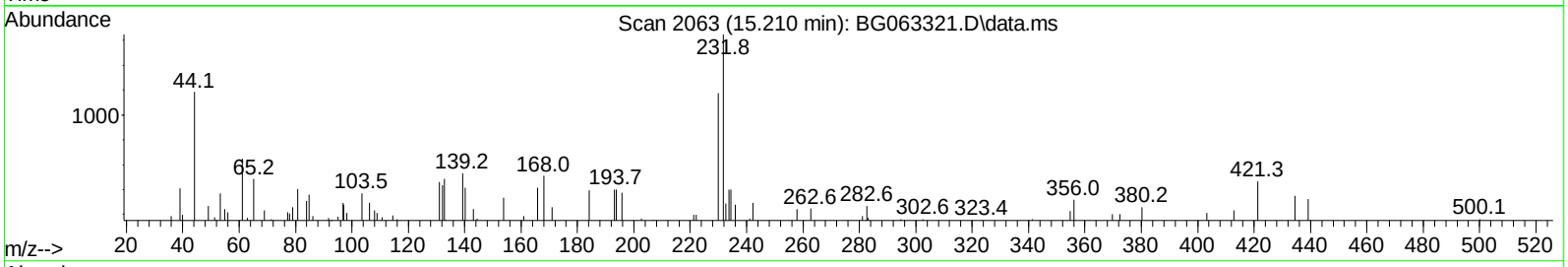

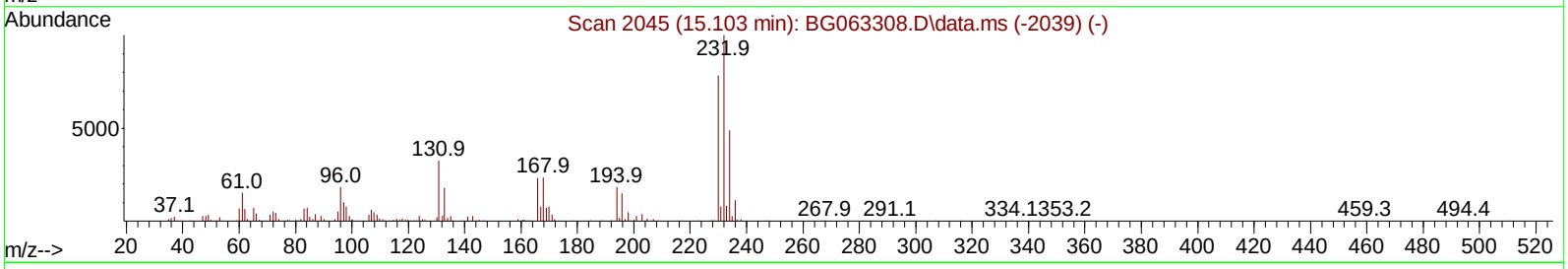

TIC: BG063321.D\data.ms

(58) 2,3,4,6-Tetrachlorophenol

15.210min (+ 0.101) 0.06 ng/ul

response 711

Ion	Exp%	Act%
232.00	100.00	100.00
131.00	28.30	23.80
130.00	0.00	0.00
166.00	23.80	21.37

Quantitation Report (Qedit)

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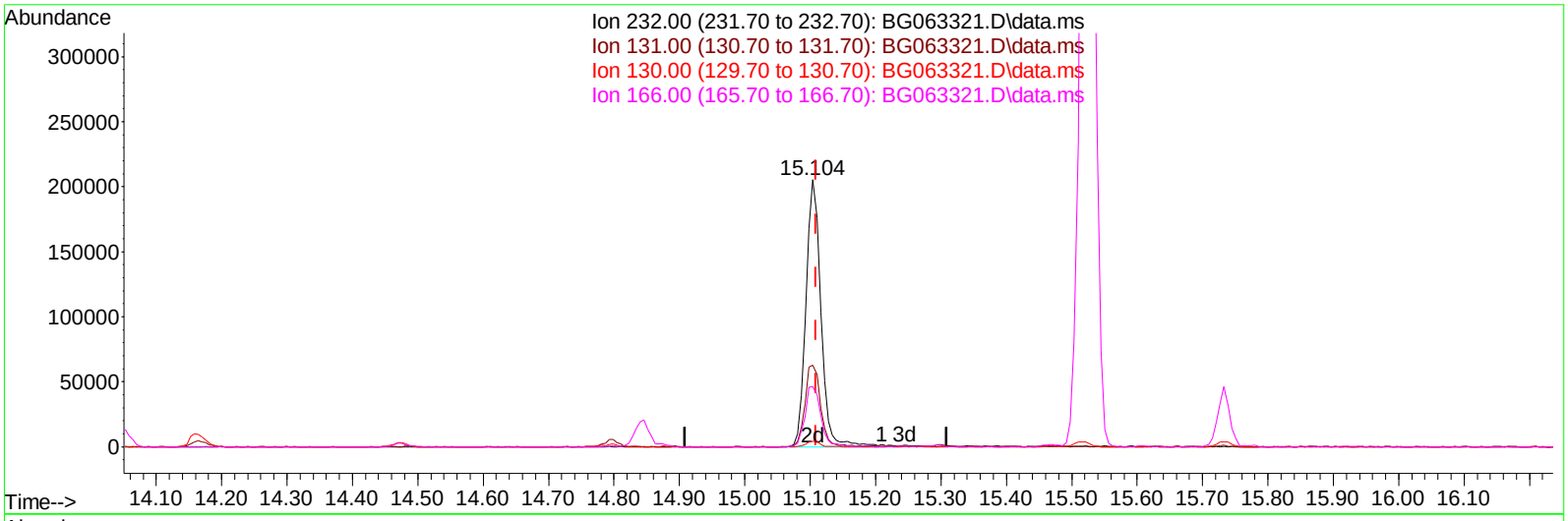

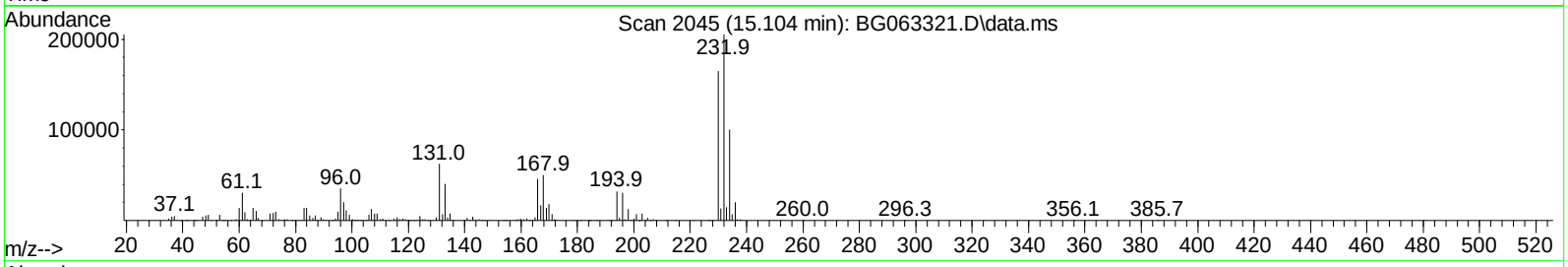

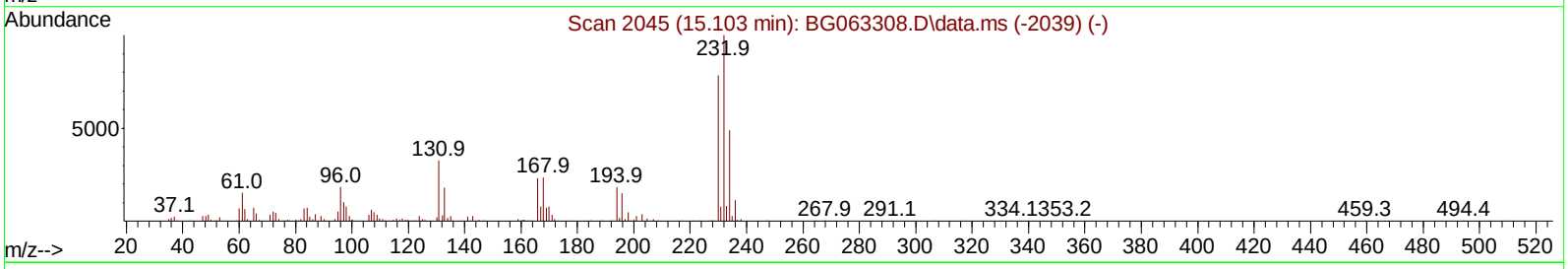

TIC: BG063321.D\data.ms

(58) 2,3,4,6-Tetrachlorophenol

15.104min (-0.005) 29.02 ng/ul m

response 323229

Ion	Exp%	Act%
232.00	100.00	100.00
131.00	28.30	30.54
130.00	0.00	1.92#
166.00	23.80	22.46

Quantitation Report (QT Reviewed)

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Quant Time: Nov 12 12:28:29 2024
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/13/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	125023	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.621	136	581497	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.470	164	521254	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.225	188	1210513	20.000	ng/ul	0.00
79) Chrysene-d12	21.479	240	1242482	20.000	ng/ul	0.00
88) Perylene-d12	24.511	264	1276273	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.300	96	17132	6.196	ng/uL	0.00
4) Pyridine-d5	3.700	84	240856	26.356	ng/ul	-0.01
7) Phenol-d5	7.008	99	360559	31.961	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	201128	30.395	ng/ul	0.00
11) 2-Chlorophenol-d4	7.372	132	247361	33.781	ng/ul	0.00
15) 4-Methylphenol-d8	8.547	113	317219	33.175	ng/ul	0.00
21) Nitrobenzene-d5	8.988	128	138437	33.863	ng/ul	0.00
24) 2-Nitrophenol-d4	9.711	143	166701	31.550	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	347454	33.509	ng/ul	0.00
31) 4-Chloroaniline-d4	10.756	131	387980	28.727	ng/ul	0.00
46) Dimethylphthalate-d6	13.882	166	1080006	26.451	ng/ul	0.00
49) Acenaphthylene-d8	14.164	160	1245726	31.171	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	159466	28.525	ng/ul	0.00
60) Fluorene-d10	15.468	176	1026518	29.789	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	227171	29.860	ng/ul	0.00
73) Anthracene-d10	17.325	188	1611188	30.969	ng/ul	0.00
81) Pyrene-d10	19.622	212	2018374	32.400	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.305	264	2007794	32.583	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.330	88	38402	11.282	ng/uL#	92
5) Pyridine	3.723	79	235948	25.305	ng/ul	97
6) Benzaldehyde	6.978	77	175393	28.130	ng/ul	97
8) Phenol	7.037	94	394597	32.096	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.260	93	255829	30.597	ng/ul	94
12) 2-Chlorophenol	7.401	128	269485	34.405	ng/ul	97
13) 2-Methylphenol	8.277	108	295395	32.894	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.353	45	359409	34.009	ng/ul	95
16) Acetophenone	8.653	105	472824	30.711	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.641	70	278163	30.974	ng/ul	99
18) 4-Methylphenol	8.612	108	330774	32.392	ng/ul	100
19) Hexachloroethane	8.906	117	106302	33.491	ng/ul	89
22) Nitrobenzene	9.029	77	405554	32.173	ng/ul	98
23) Isophorone	9.552	82	752019	28.267	ng/ul	99
25) 2-Nitrophenol	9.740	139	175278	33.559	ng/ul	91
26) 2,4-Dimethylphenol	9.805	107	277991	24.401	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.034	93	405452	31.613	ng/ul	94
29) 2,4-Dichlorophenol	10.275	162	345622	35.357	ng/ul	93
30) Naphthalene	10.674	128	952303	32.006	ng/ul	97
32) 4-Chloroaniline	10.786	127	289937	22.430	ng/ul	96
33) Hexachlorobutadiene	10.962	225	289794	30.975	ng/ul	96
34) Caprolactam	11.544	113	109826m	27.032	ng/ul	
35) 4-Chloro-3-methylphenol	11.920	107	365605	31.170	ng/ul	95

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/13/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.290	142	744553	31.573	ng/ul	100
37) 1-Methylnaphthalene	12.507	142	739274	30.146	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.660	216	599511	32.626	ng/ul	97
40) Hexachlorocyclopentadiene	12.637	237	174684	17.410	ng/ul	98
41) 2,4,6-Trichlorophenol	12.901	196	324655	32.732	ng/ul	96
42) 2,4,5-Trichlorophenol	12.977	196	357207	33.211	ng/ul	94
43) 1,1'-Biphenyl	13.300	154	1054869	31.927	ng/ul	99
44) 2-Chloronaphthalene	13.342	162	832011	32.346	ng/ul	99
45) 2-Nitroaniline	13.553	65	278468	31.736	ng/ul	94
47) Dimethylphthalate	13.929	163	1068707	27.298	ng/ul	99
48) 2,6-Dinitrotoluene	14.053	165	235808	31.476	ng/ul	96
50) Acenaphthylene	14.194	152	1283375	32.238	ng/ul	97
51) 3-Nitroaniline	14.376	138	213982	32.723	ng/ul	99
52) Acenaphthene	14.534	153	894699	31.401	ng/ul	99
53) 2,4-Dinitrophenol	14.593	184	128217	25.959	ng/ul	94
55) 4-Nitrophenol	14.705	109	196212	27.005	ng/ul	96
56) Dibenzofuran	14.875	168	1355715	31.083	ng/ul	99
57) 2,4-Dinitrotoluene	14.840	165	347526	29.330	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.104	232	323229m	29.018	ng/ul	
59) Diethylphthalate	15.298	149	1080005	26.907	ng/ul	99
61) Fluorene	15.527	166	1137218	30.807	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.515	204	698229	29.431	ng/ul	97
63) 4-Nitroaniline	15.551	138	227058	34.307	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.610	198	254207	32.197	ng/ul	97
67) N-Nitrosodiphenylamine	15.733	169	928696	34.390	ng/ul	98
68) 4-Bromophenyl-phenylether	16.414	248	472653	34.155	ng/ul	95
69) Hexachlorobenzene	16.532	284	490547	33.274	ng/ul	97
70) Atrazine	16.685	200	279764	18.938	ng/ul	95
71) Pentachlorophenol	16.879	266	207730	28.106	ng/ul	95
72) Phenanthrene	17.266	178	1830544	33.097	ng/ul	99
74) Anthracene	17.360	178	1817566	32.080	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.271	216	586923	37.495	ng/ul	97
76) Pentachlorobenzene	14.799	250	594143	35.593	ng/ul	96
77) Carbazole	17.631	167	1524003	32.398	ng/ul	98
78) Di-n-butylphthalate	18.189	149	1732368	32.376	ng/ul	99
80) Fluoranthene	19.288	202	2277603	33.825	ng/ul#	98
82) Pyrene	19.652	202	2364700	33.132	ng/ul#	96
83) Butylbenzylphthalate	20.545	149	765300	36.690	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.379	252	878046	32.865	ng/ul#	99
85) Benzo(a)anthracene	21.461	228	2557507	32.542	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.373	149	1102345	36.282	ng/ul	97
87) Chrysene	21.526	228	2412086	32.919	ng/ul	99
89) Di-n-octyl phthalate	22.519	149	1920454	38.184	ng/ul	100
90) Benzo(b)fluoranthene	23.559	252	2616959	34.080	ng/ul	98
91) Benzo(k)fluoranthene	23.624	252	2545628	33.282	ng/ul	98
93) Benzo(a)pyrene	24.376	252	2305026	32.452	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	27.942	276	2927753	33.604	ng/ul#	97
95) Dibenzo(a,h)anthracene	27.989	278	2419197	34.058	ng/ul#	96
96) Benzo(g,h,i)perylene	29.006	276	2216559	33.555	ng/ul	99

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

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