Quantitation Report (Qedit)

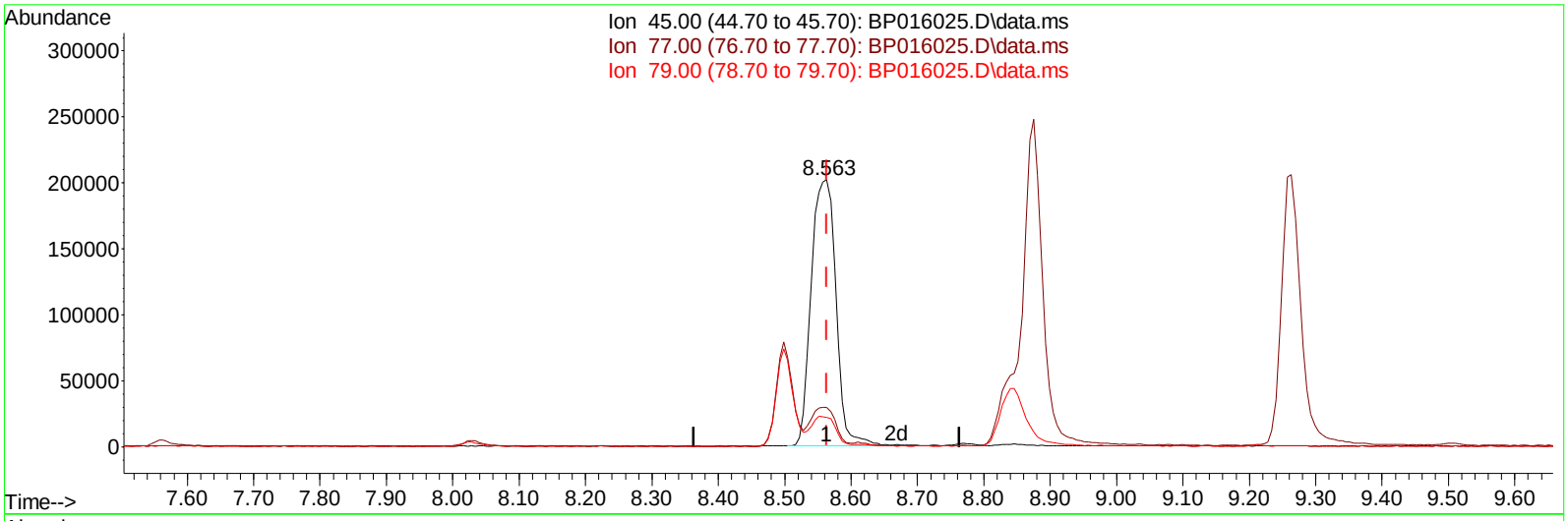
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
Data File : BP016025.D
Acq On : 06 Jul 2023 09:50
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

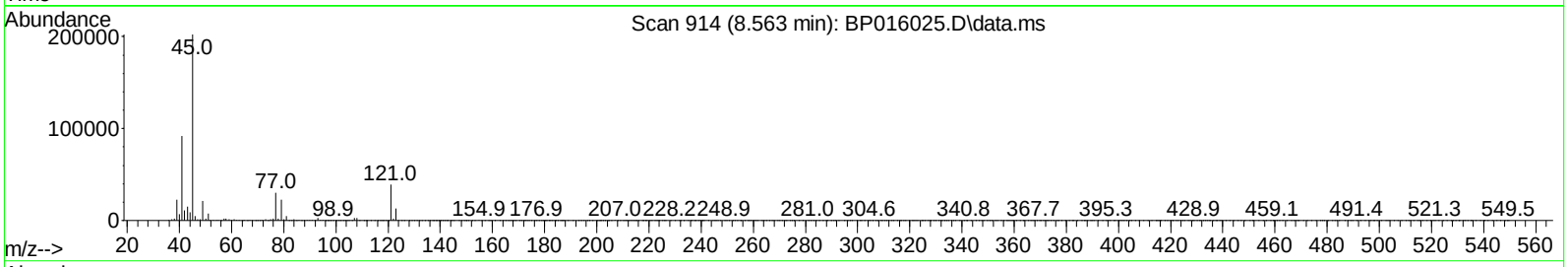
Quant Time: Jul 06 23:23:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 06 23:18:26 2023
Response via : Initial Calibration

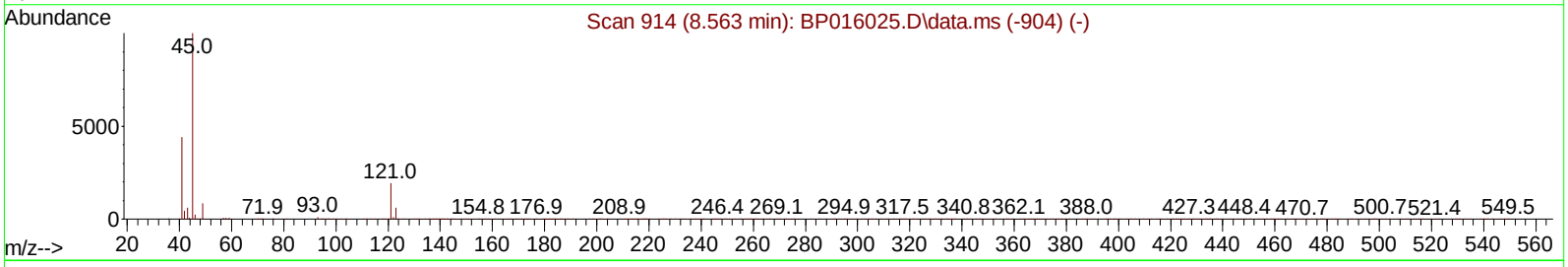
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023







TIC: BP016025.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.563min (0.000) 26.65 ng/ul

response 523782

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.50	14.77
79.00	11.60	11.06
0.00	0.00	0.00

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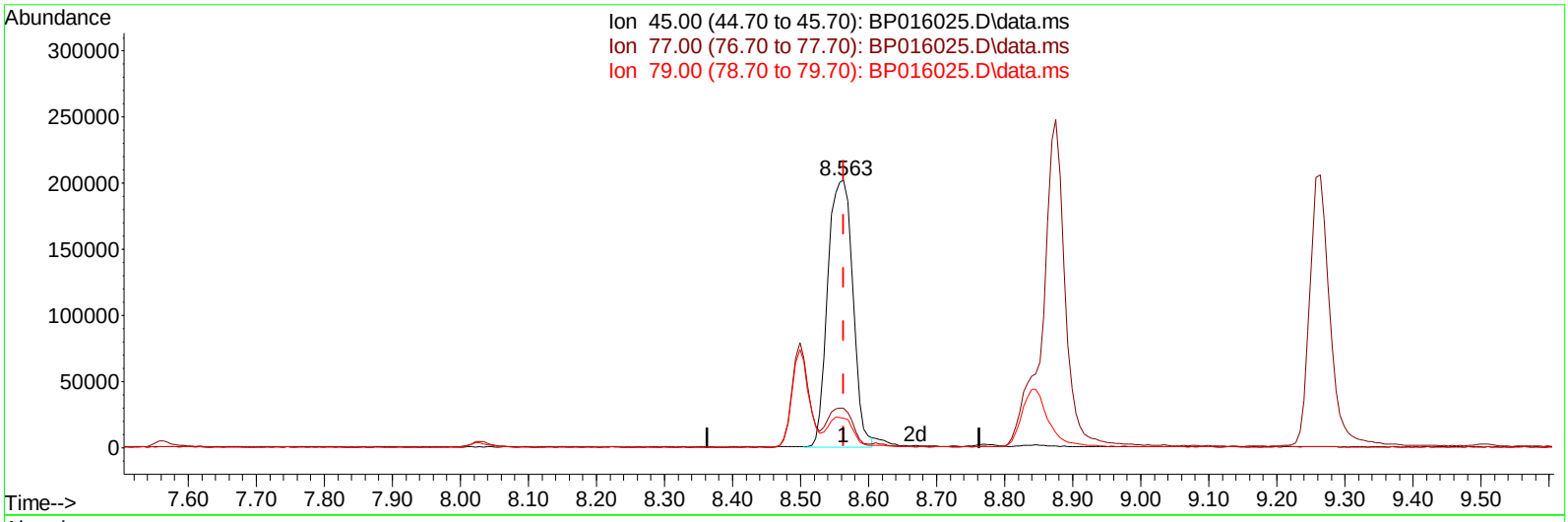

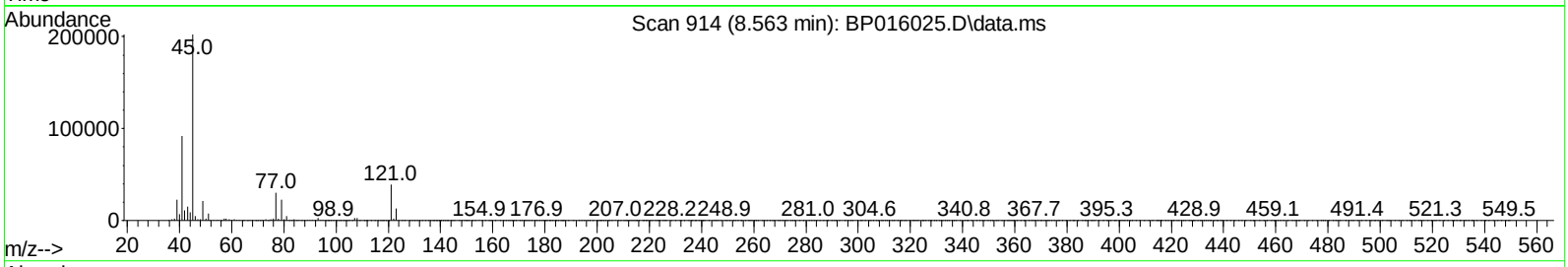

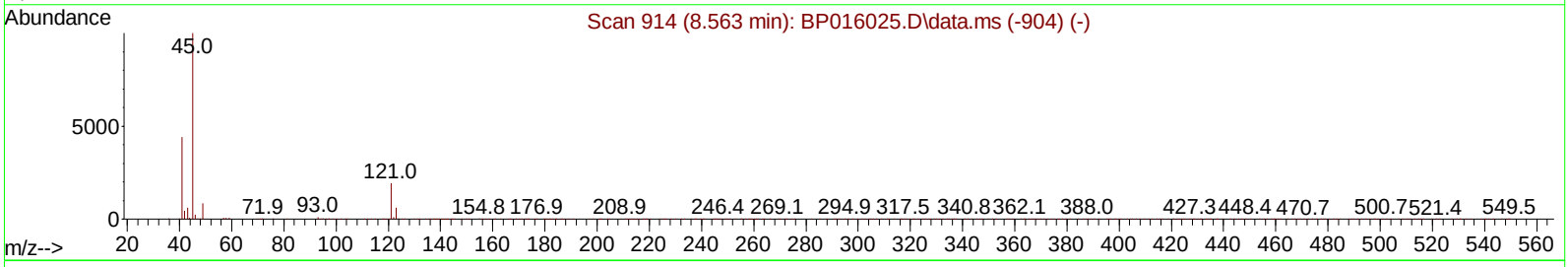

TIC: BP016025.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.563min (0.000) 26.23 ng/ul m

response 515600

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.50	14.77
79.00	11.60	11.06
0.00	0.00	0.00

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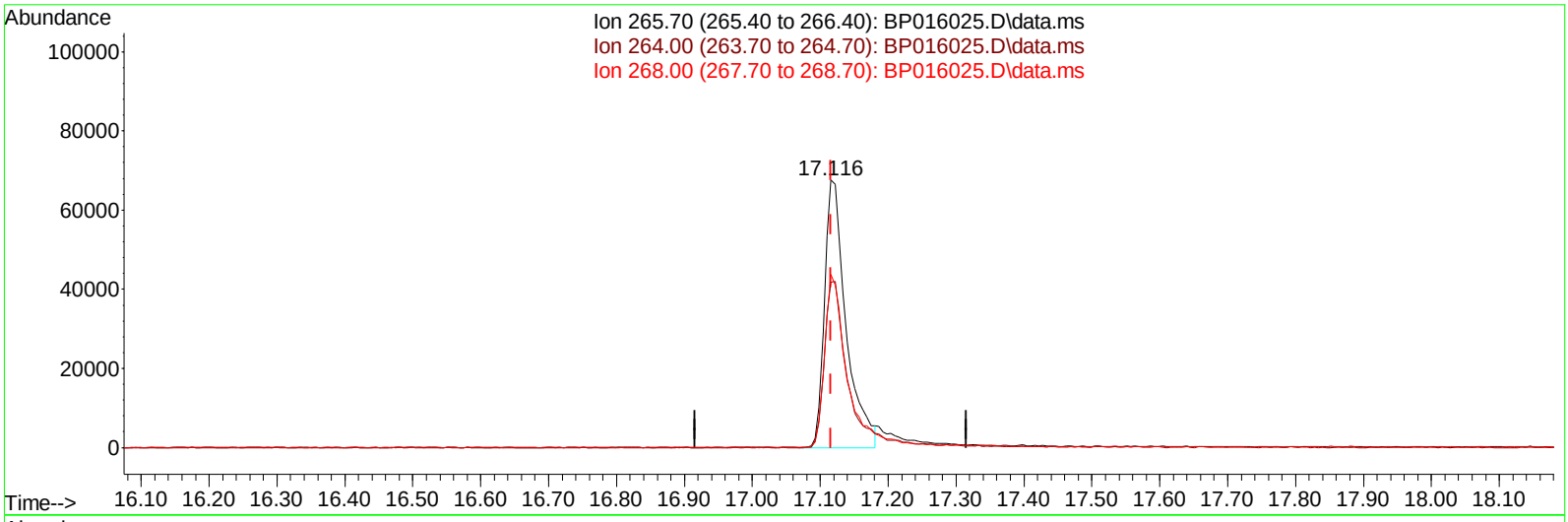

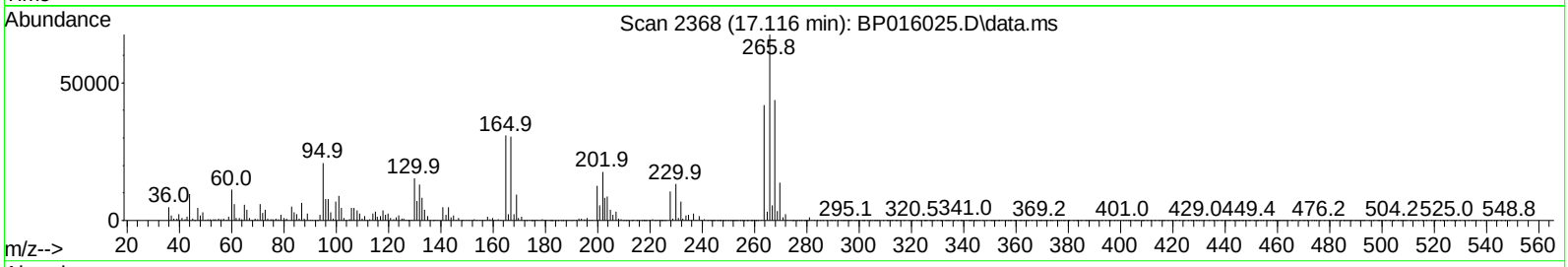

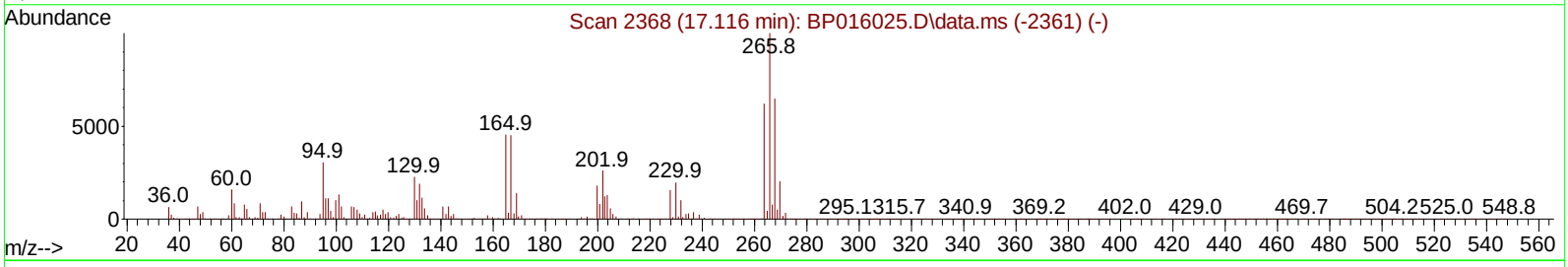

TIC: BP016025.D\data.ms

(71) Pentachlorophenol (C)

17.116min (0.000) 17.73 ng/ul

response 149009

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	66.80	61.88
268.00	64.30	64.83
0.00	0.00	0.00

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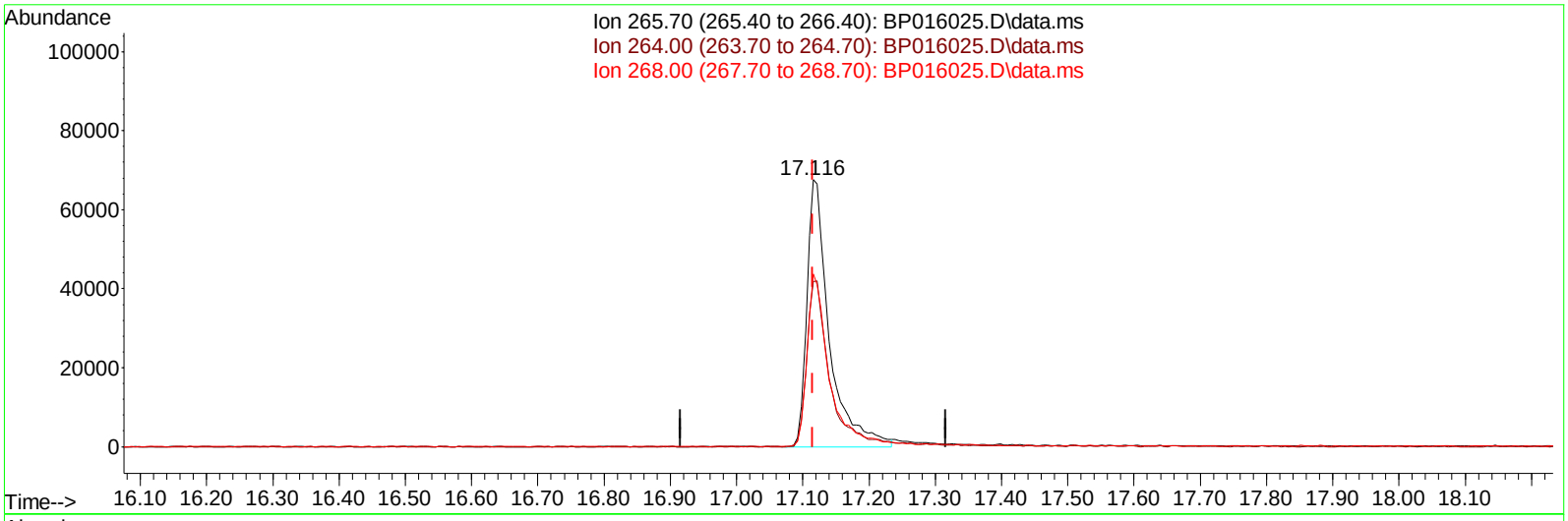

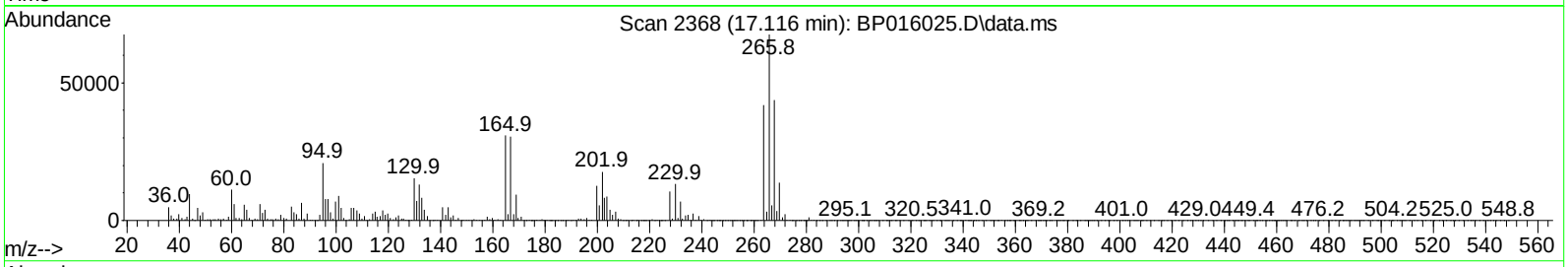

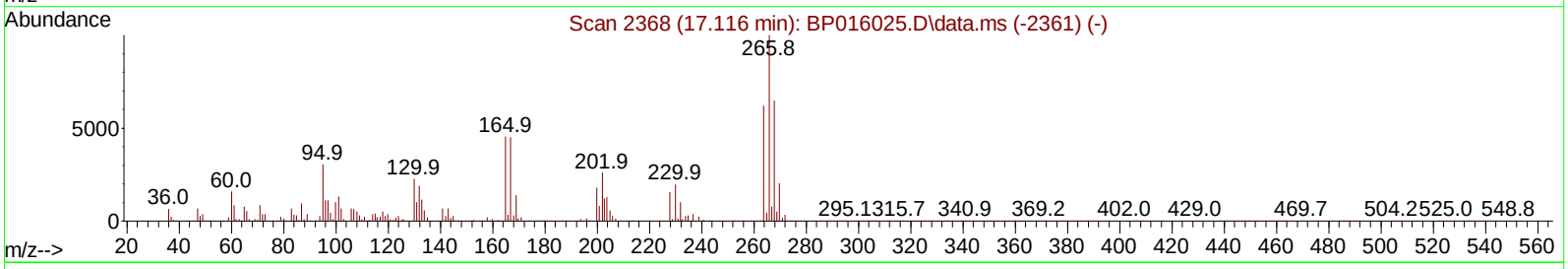

TIC: BP016025.D\data.ms

(71) Pentachlorophenol (C)

17.116min (0.000) 18.90 ng/ul m

response 158875

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	66.80	61.88
268.00	64.30	64.83
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/07/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	203727	20.000	ng/ul	0.00
20) Naphthalene-d8	10.852	136	925368	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.675	164	585247	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	1299801	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.539	240	1194495	20.000	ng/ul	0.00
88) Perylene-d12	24.080	264	1208405	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	46415	8.197	ng/uL	0.00
4) Pyridine-d5	3.805	84	297900	20.870	ng/ul	0.00
7) Phenol-d5	7.216	99	386693	22.184	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	255896	23.729	ng/ul	0.00
11) 2-Chlorophenol-d4	7.563	132	288423	21.920	ng/ul	0.00
15) 4-Methylphenol-d8	8.769	113	308040	22.370	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	149986	21.208	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	175622	21.277	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	301203	20.478	ng/ul	0.00
31) 4-Chloroaniline-d4	11.022	131	448022	23.712	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	975704	21.570	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	1096474	21.563	ng/ul	0.00
54) 4-Nitrophenol-d4	14.963	143	82145	13.761	ng/ul	0.00
60) Fluorene-d10	15.675	176	800892	21.502	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	162523	20.331	ng/ul	0.00
73) Anthracene-d10	17.545	188	1289347	21.716	ng/ul	0.00
81) Pyrene-d10	19.775	212	1474481	18.904	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.910	264	1271783	20.863	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	50494	8.286	ng/uL	98
5) Pyridine	3.822	79	313326	20.983	ng/ul	98
6) Benzaldehyde	7.187	77	102497	14.544	ng/ul	96
8) Phenol	7.246	94	413059	22.835	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.452	93	341677	23.741	ng/ul	98
12) 2-Chlorophenol	7.593	128	307970	22.030	ng/ul	97
13) 2-Methylphenol	8.499	108	317770	23.267	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.563	45	515600m	26.230	ng/ul	
16) Acetophenone	8.875	105	532337	23.517	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.846	70	300582	23.908	ng/ul	98
18) 4-Methylphenol	8.840	108	350940	23.916	ng/ul	97
19) Hexachloroethane	9.099	117	137922	21.362	ng/ul	93
22) Nitrobenzene	9.263	77	425486	21.425	ng/ul	95
23) Isophorone	9.787	82	853338	22.454	ng/ul	98
25) 2-Nitrophenol	9.975	139	188581	21.528	ng/ul#	90
26) 2,4-Dimethylphenol	10.040	107	390824	20.296	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.263	93	499316	23.274	ng/ul	99
29) 2,4-Dichlorophenol	10.534	162	309341	21.155	ng/ul	99
30) Naphthalene	10.899	128	1074394	21.358	ng/ul	100
32) 4-Chloroaniline	11.046	127	471677	24.028	ng/ul	97
33) Hexachlorobutadiene	11.163	225	193079	17.484	ng/ul	99
34) Caprolactam	11.875	113	115976	25.928	ng/ul	93
35) 4-Chloro-3-methylphenol	12.181	107	367218	21.454	ng/ul	97

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/07/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.516	142	707904	21.377	ng/ul	98
37) 1-Methylnaphthalene	12.728	142	722144	21.376	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.887	216	374606	19.424	ng/ul	99
40) Hexachlorocyclopentadiene	12.834	237	76122	13.194	ng/ul	97
41) 2,4,6-Trichlorophenol	13.140	196	248819	20.415	ng/ul	99
42) 2,4,5-Trichlorophenol	13.234	196	274382	21.224	ng/ul	99
43) 1,1'-Biphenyl	13.516	154	975260	21.039	ng/ul	97
44) 2-Chloronaphthalene	13.563	162	760745	20.832	ng/ul	99
45) 2-Nitroaniline	13.798	65	266082	23.157	ng/ul	99
47) Dimethylphthalate	14.140	163	1007682	21.525	ng/ul	99
48) 2,6-Dinitrotoluene	14.287	165	207517	21.853	ng/ul	98
50) Acenaphthylene	14.404	152	1217049	21.721	ng/ul	99
51) 3-Nitroaniline	14.640	138	149745	20.109	ng/ul	95
52) Acenaphthene	14.740	153	840980	21.645	ng/ul	99
53) 2,4-Dinitrophenol	14.881	184	98289	19.509	ng/ul	85
55) 4-Nitrophenol	14.981	109	128670	20.800	ng/ul	85
56) Dibenzofuran	15.081	168	1164427	21.589	ng/ul	97
57) 2,4-Dinitrotoluene	15.092	165	296529	22.915	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.328	232	232362	20.925	ng/ul	98
59) Diethylphthalate	15.492	149	1048643	22.135	ng/ul	99
61) Fluorene	15.734	166	956310	21.859	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.716	204	464595	20.754	ng/ul	95
63) 4-Nitroaniline	15.816	138	99477	19.518	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.869	198	165270	20.434	ng/ul#	98
67) N-Nitrosodiphenylamine	15.939	169	816857	20.993	ng/ul	99
68) 4-Bromophenyl-phenylether	16.616	248	287946	19.400	ng/ul	93
69) Hexachlorobenzene	16.745	284	336827	19.232	ng/ul	98
70) Atrazine	16.904	200	301856	20.266	ng/ul	96
71) Pentachlorophenol	17.116	266	158875m	18.901	ng/ul	
72) Phenanthrene	17.486	178	1535983	21.752	ng/ul	100
74) Anthracene	17.581	178	1567898	22.098	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.487	216	387367	18.315	ng/uL	98
76) Pentachlorobenzene	15.004	250	396772	18.587	ng/uL	98
77) Carbazole	17.869	167	1445853	24.177	ng/ul	99
78) Di-n-butylphthalate	18.369	149	1894708	23.898	ng/ul	99
80) Fluoranthene	19.451	202	1820217	18.777	ng/ul#	95
82) Pyrene	19.810	202	1897594	19.190	ng/ul#	92
83) Butylbenzylphthalate	20.645	149	890344	22.070	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.451	252	580083	21.483	ng/ul	99
85) Benzo(a)anthracene	21.522	228	1740694	20.716	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.392	149	1305381	23.546	ng/ul#	99
87) Chrysene	21.580	228	1729359	21.693	ng/ul	99
89) Di-n-octyl phthalate	22.351	149	2163678	24.500	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	1618326	20.843	ng/ul#	97
91) Benzo(k)fluoranthene	23.339	252	1700248	21.673	ng/ul#	97
93) Benzo(a)pyrene	23.963	252	1419912	20.929	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.774	276	1564359	16.985	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.780	278	1308627	17.298	ng/ul#	95
96) Benzo(g,h,i)perylene	27.621	276	1229932	16.232	ng/ul#	95

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

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