Quantitation Report (Qedit)

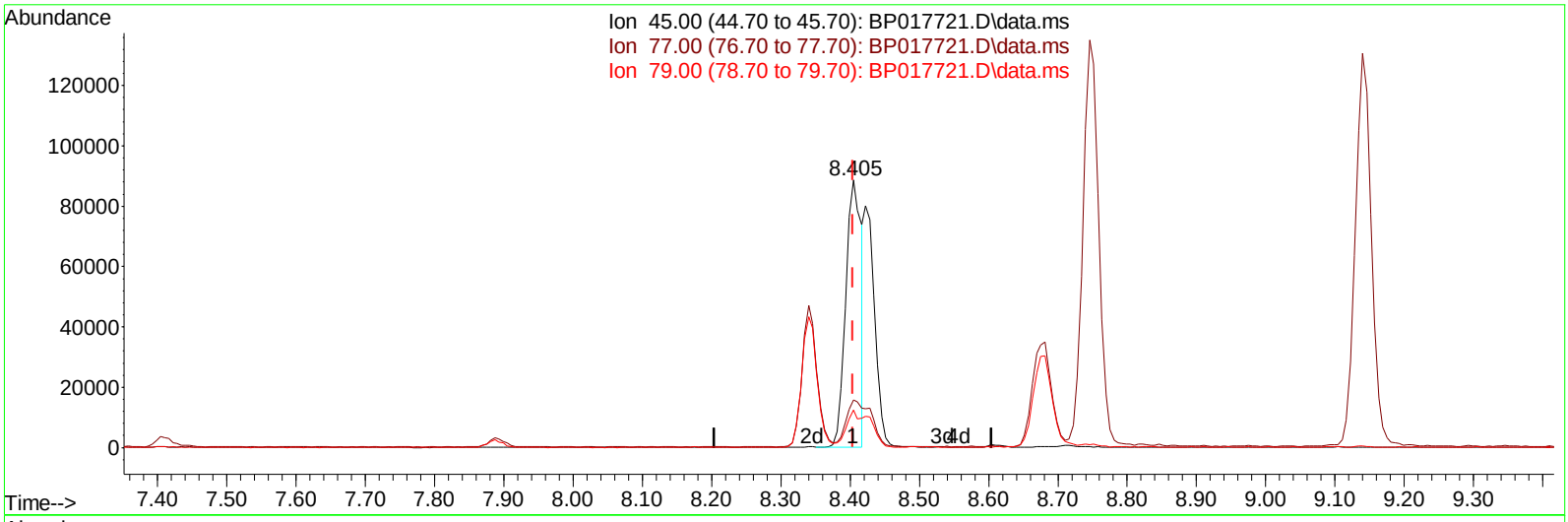
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101823\
Data File : BP017721.D
Acq On : 18 Oct 2023 21:48
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

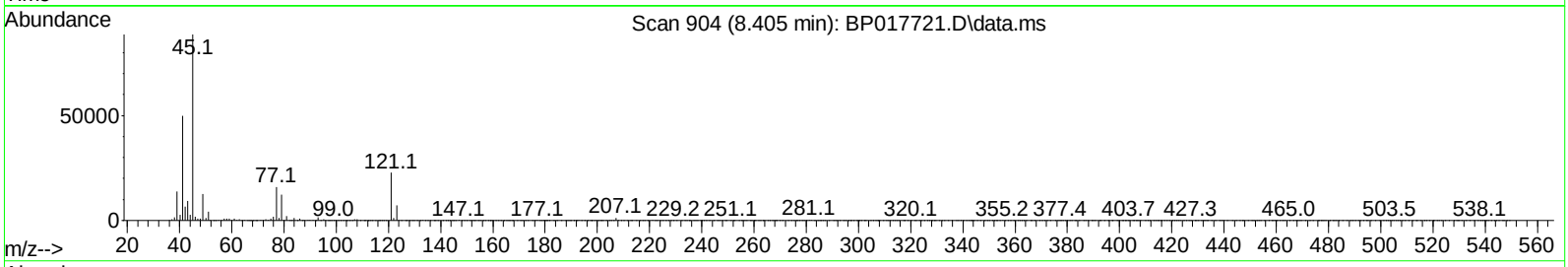
Quant Time: Oct 19 01:33:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

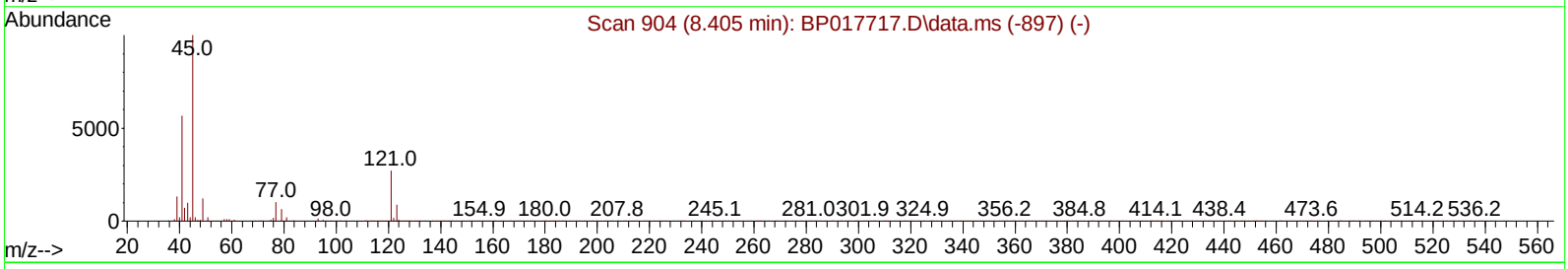
Instrument :
BNA_P
ClientSampleId :
SICV602

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023







TIC: BP017721.D\data.ms

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

8.405min (-0.000) 13.57 ng/ul

response 137397

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	17.80	17.93
79.00	12.90	14.00
0.00	0.00	0.00

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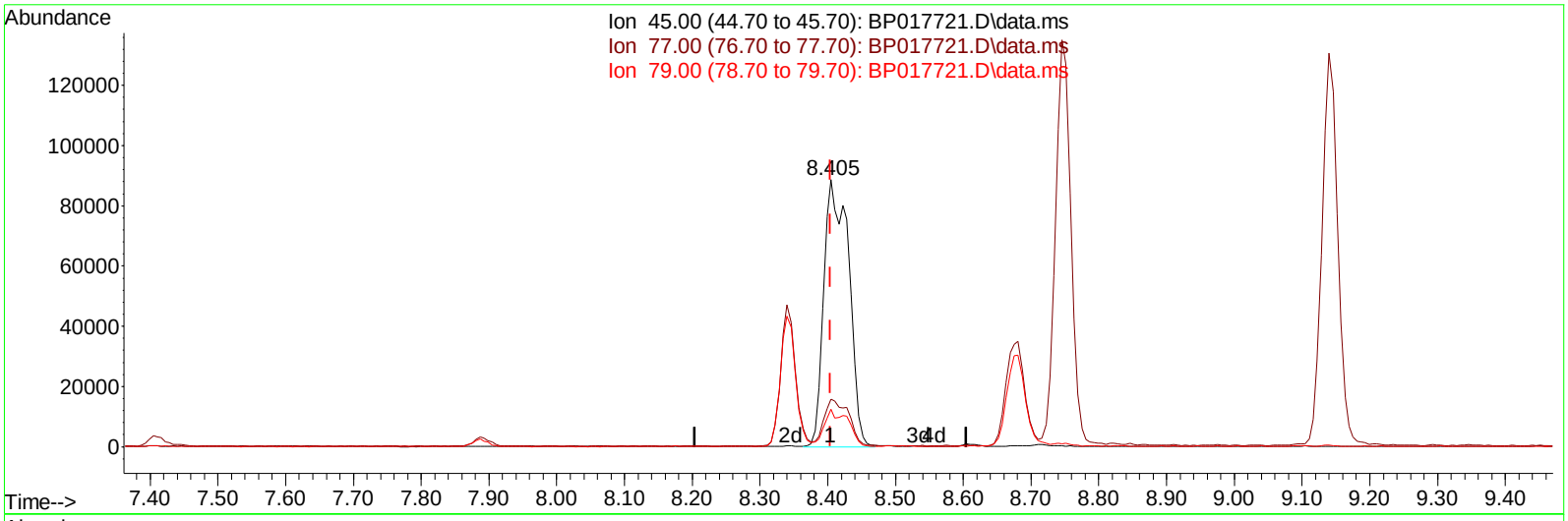

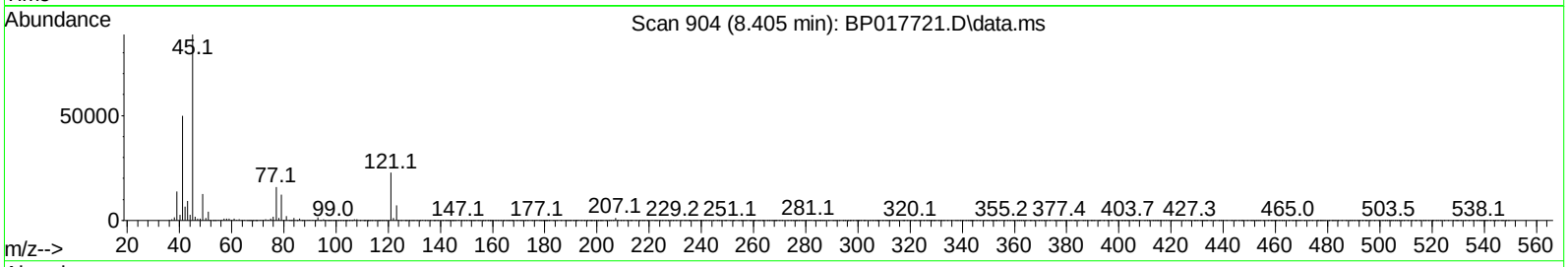

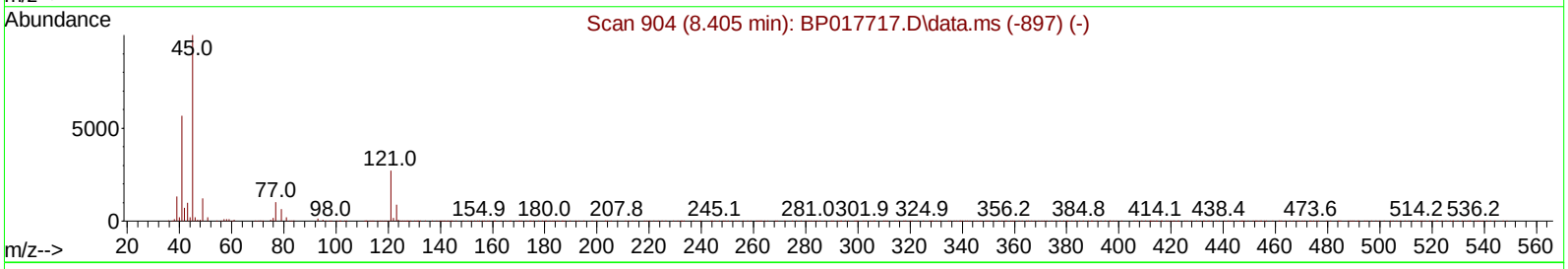

TIC: BP017721.D\data.ms

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

8.405min (-0.000) 22.26 ng/ul m

response 225458

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	17.80	17.93
79.00	12.90	14.00
0.00	0.00	0.00

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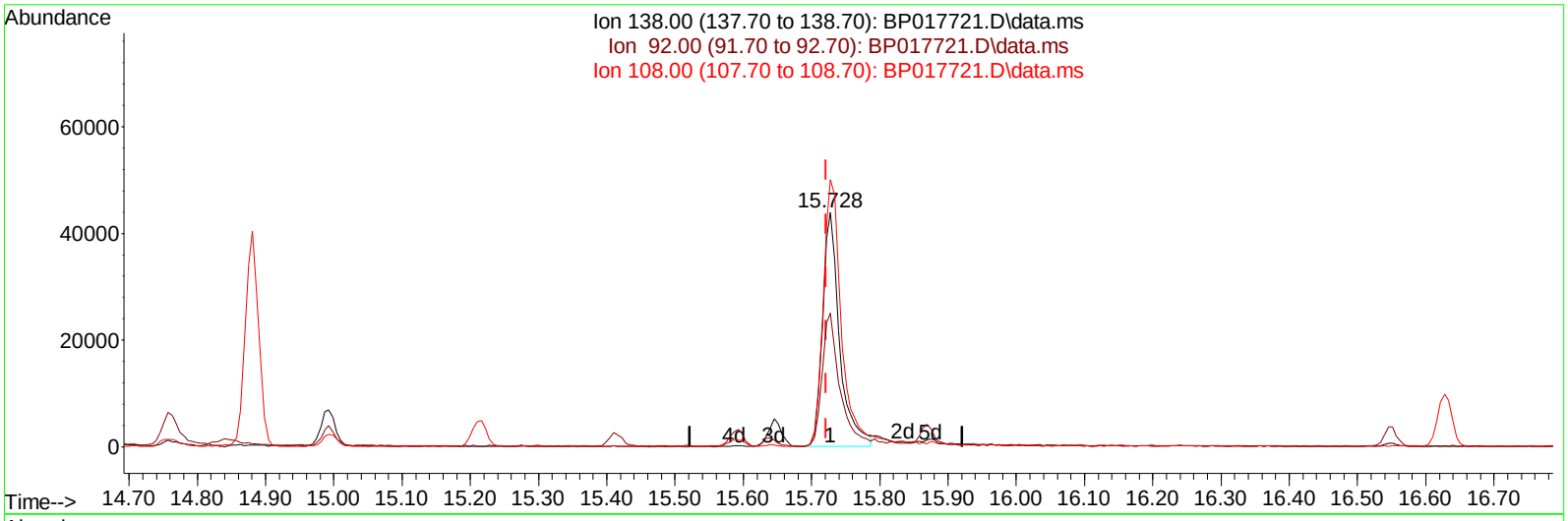

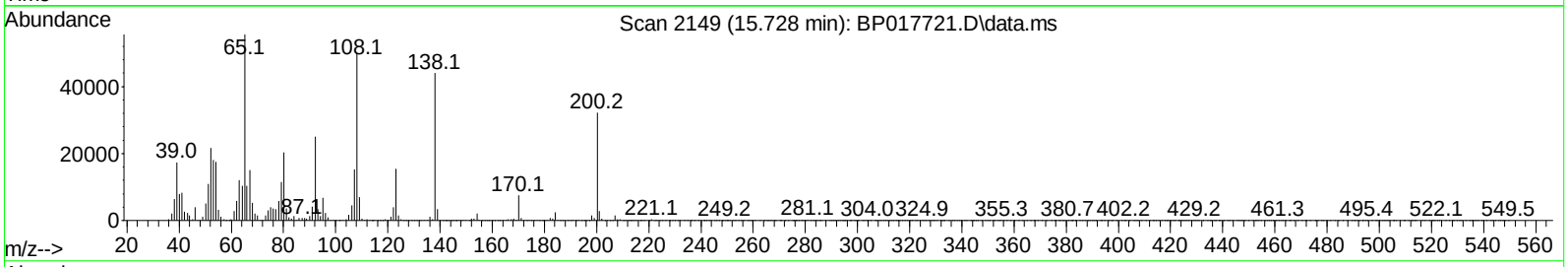

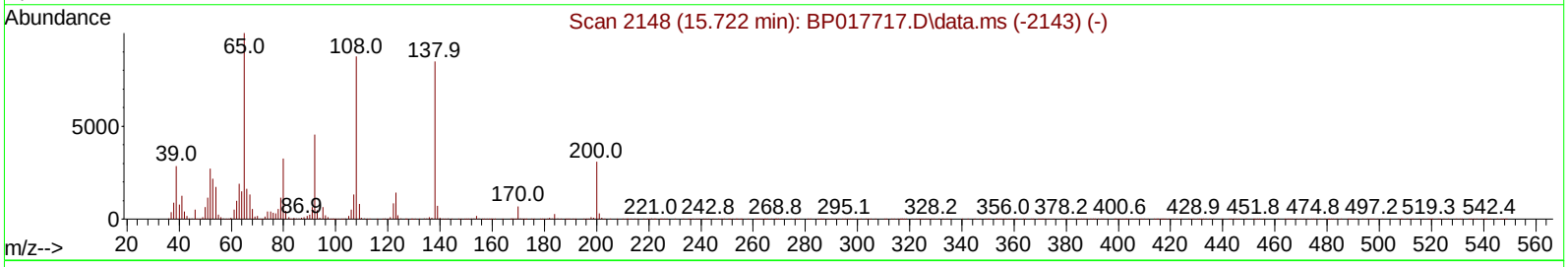

TIC: BP017721.D\data.ms

(63) 4-Nitroaniline

15.728min (+ 0.006) 20.11 ng/ul

response 76312

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	53.80	56.97
108.00	103.40	113.81
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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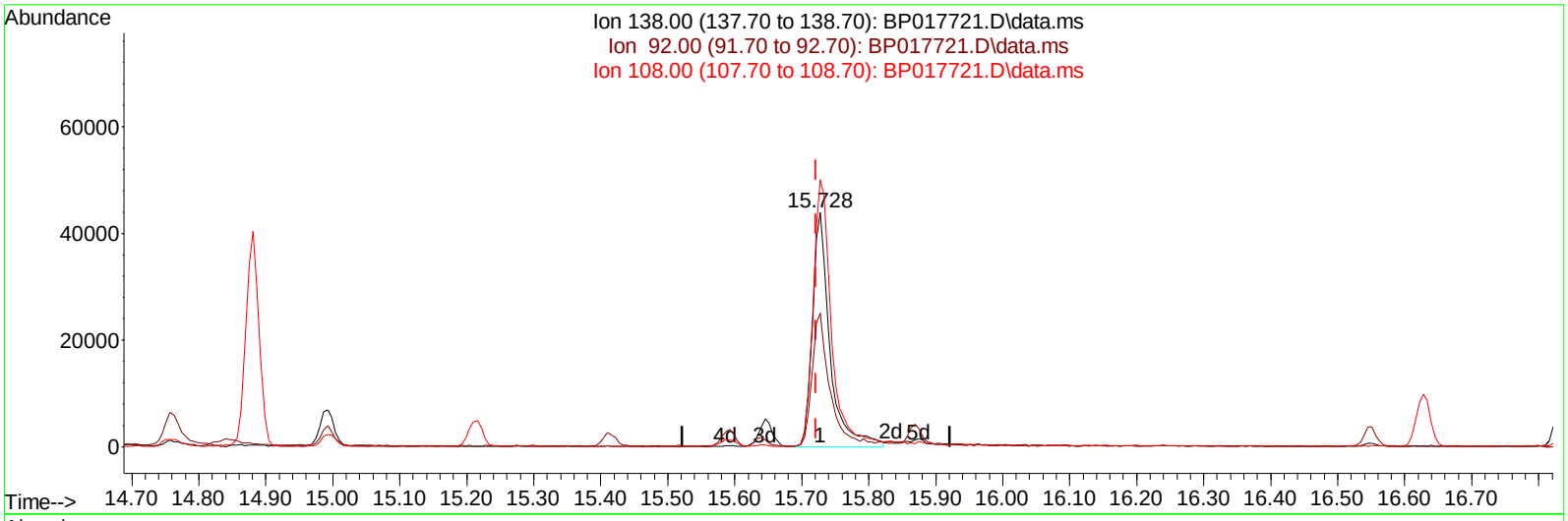

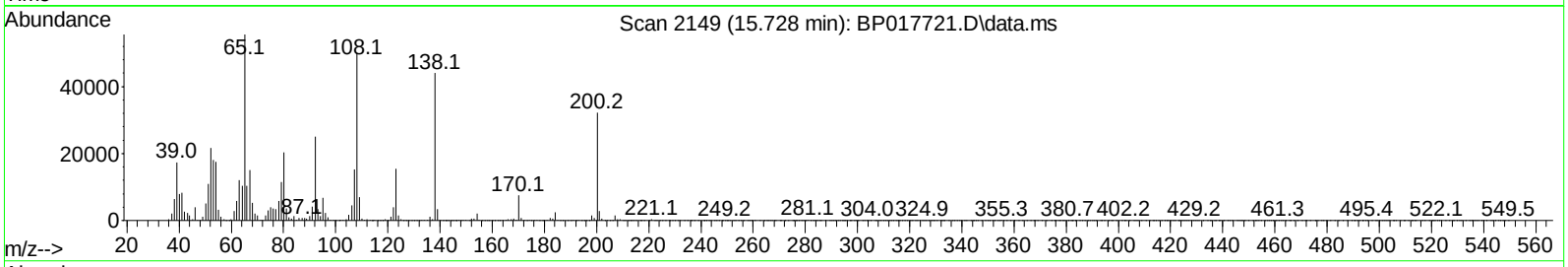

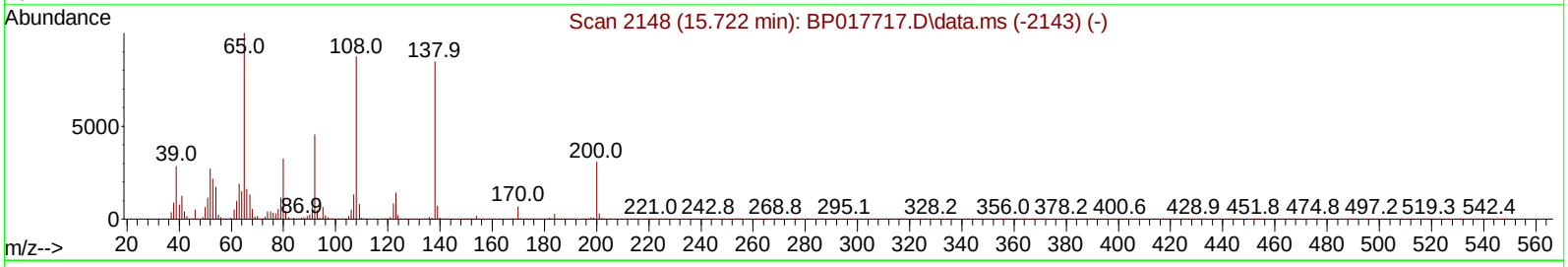

TIC: BP017721.D\data.ms

(63) 4-Nitroaniline

15.728min (+ 0.006) 21.02 ng/ul m

response 79774

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	53.80	56.97
108.00	103.40	113.81
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/19/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	120198	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	471292	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	290527	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	609008	20.000	ng/ul	0.00
79) Chrysene-d12	21.521	240	530456	20.000	ng/ul	0.00
88) Perylene-d12	24.074	264	542475	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	28303	8.760	ng/uL	0.00
4) Pyridine-d5	3.693	84	174372	20.613	ng/ul	0.00
7) Phenol-d5	7.046	99	203315	20.327	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	136999	22.178	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	169908	20.827	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	160115	20.385	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	80533	21.088	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	88106	20.881	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	164376	19.859	ng/ul	0.00
31) 4-Chloroaniline-d4	10.899	131	210719	19.453	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	493032	20.215	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	561641	20.650	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	63056	18.145	ng/ul	0.00
60) Fluorene-d10	15.592	176	418569	19.854	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	74860	18.661	ng/ul	0.00
73) Anthracene-d10	17.481	188	637065	20.470	ng/ul	0.00
81) Pyrene-d10	19.739	212	710411	21.361	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.904	264	612650	20.277	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	29700	8.666	ng/uL	99
5) Pyridine	3.711	79	184943	21.338	ng/ul	98
6) Benzaldehyde	7.052	77	130874	24.323	ng/ul	96
8) Phenol	7.075	94	204342	20.720	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.328	93	175730	21.358	ng/ul	98
12) 2-Chlorophenol	7.440	128	170723	20.836	ng/ul	98
13) 2-Methylphenol	8.340	108	153054	20.564	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.405	45	225458m	22.262	ng/ul	
16) Acetophenone	8.746	105	262417	21.250	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.710	70	135055	23.058	ng/ul	98
18) 4-Methylphenol	8.675	108	163428	20.677	ng/ul	93
19) Hexachloroethane	8.952	117	79005	20.985	ng/ul	87
22) Nitrobenzene	9.140	77	211724	22.266	ng/ul	97
23) Isophorone	9.652	82	374452	22.022	ng/ul	98
25) 2-Nitrophenol	9.846	139	93181	20.689	ng/ul	91
26) 2,4-Dimethylphenol	9.887	107	186232	21.067	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.146	93	228160	21.695	ng/ul	98
29) 2,4-Dichlorophenol	10.369	162	157758	19.932	ng/ul	95
30) Naphthalene	10.775	128	558718	20.600	ng/ul	100
32) 4-Chloroaniline	10.922	127	203086	19.579	ng/ul	96
33) Hexachlorobutadiene	10.999	225	118026	18.365	ng/ul	97
34) Caprolactam	11.757	113	40040	19.646	ng/ul	93
35) 4-Chloro-3-methylphenol	12.034	107	162270	21.777	ng/ul	93

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.393	142	366267	19.992	ng/ul	99
37) 1-Methylnaphthalene	12.610	142	378934	20.225	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.745	216	203432	18.923	ng/ul	98
40) Hexachlorocyclopentadiene	12.687	237	101866	16.493	ng/ul	99
41) 2,4,6-Trichlorophenol	13.004	196	128174	19.866	ng/ul	99
42) 2,4,5-Trichlorophenol	13.081	196	130961	19.633	ng/ul	99
43) 1,1'-Biphenyl	13.410	154	493704	20.627	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	393253	20.324	ng/ul	98
45) 2-Nitroaniline	13.710	65	105058	23.894	ng/ul	97
47) Dimethylphthalate	14.051	163	486586	20.243	ng/ul	99
48) 2,6-Dinitrotoluene	14.204	165	93861	21.215	ng/ul	92
50) Acenaphthylene	14.310	152	637470	20.924	ng/ul	99
51) 3-Nitroaniline	14.545	138	84560	20.096	ng/ul	98
52) Acenaphthene	14.651	153	422111	20.495	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	37887	15.255	ng/ul#	85
55) 4-Nitrophenol	14.845	109	75572	20.544	ng/ul	95
56) Dibenzofuran	14.992	168	581618	20.114	ng/ul	93
57) 2,4-Dinitrotoluene	14.992	165	138250	21.173	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.216	232	110193	18.616	ng/ul#	90
59) Diethylphthalate	15.416	149	483930	20.852	ng/ul	98
61) Fluorene	15.651	166	476012	20.040	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	240819	19.075	ng/ul	91
63) 4-Nitroaniline	15.728	138	79774m	21.019	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.751	198	80187	18.663	ng/ul	92
67) N-Nitrosodiphenylamine	15.869	169	394511	21.383	ng/ul	99
68) 4-Bromophenyl-phenylether	16.551	248	133384	18.719	ng/ul#	93
69) Hexachlorobenzene	16.628	284	145356	17.768	ng/ul#	86
70) Atrazine	16.834	200	132402	19.525	ng/ul	99
71) Pentachlorophenol	17.004	266	81208	16.512	ng/ul	97
72) Phenanthrene	17.422	178	736491	20.644	ng/ul	100
74) Anthracene	17.516	178	750729	20.777	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	205721	20.132	ng/uL	98
76) Pentachlorobenzene	14.881	250	186608	18.843	ng/uL	98
77) Carbazole	17.810	167	635228	20.801	ng/ul	99
78) Di-n-butylphthalate	18.322	149	771334	21.756	ng/ul	99
80) Fluoranthene	19.404	202	841585	22.025	ng/ul	97
82) Pyrene	19.769	202	875479	21.626	ng/ul	97
83) Butylbenzylphthalate	20.639	149	325237	23.359	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.445	252	225692	18.832	ng/ul#	98
85) Benzo(a)anthracene	21.504	228	840539	20.844	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	459387	23.635	ng/ul#	98
87) Chrysene	21.557	228	787675	20.655	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	778832	22.666	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	766027	20.749	ng/ul	98
91) Benzo(k)fluoranthene	23.327	252	766695	20.490	ng/ul	99
93) Benzo(a)pyrene	23.957	252	722285	20.839	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.786	276	813451	19.692	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.809	278	670127	19.443	ng/ul	97
96) Benzo(g,h,i)perylene	27.627	276	651285	19.568	ng/ul	96

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

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