Quantitation Report (Qedit)

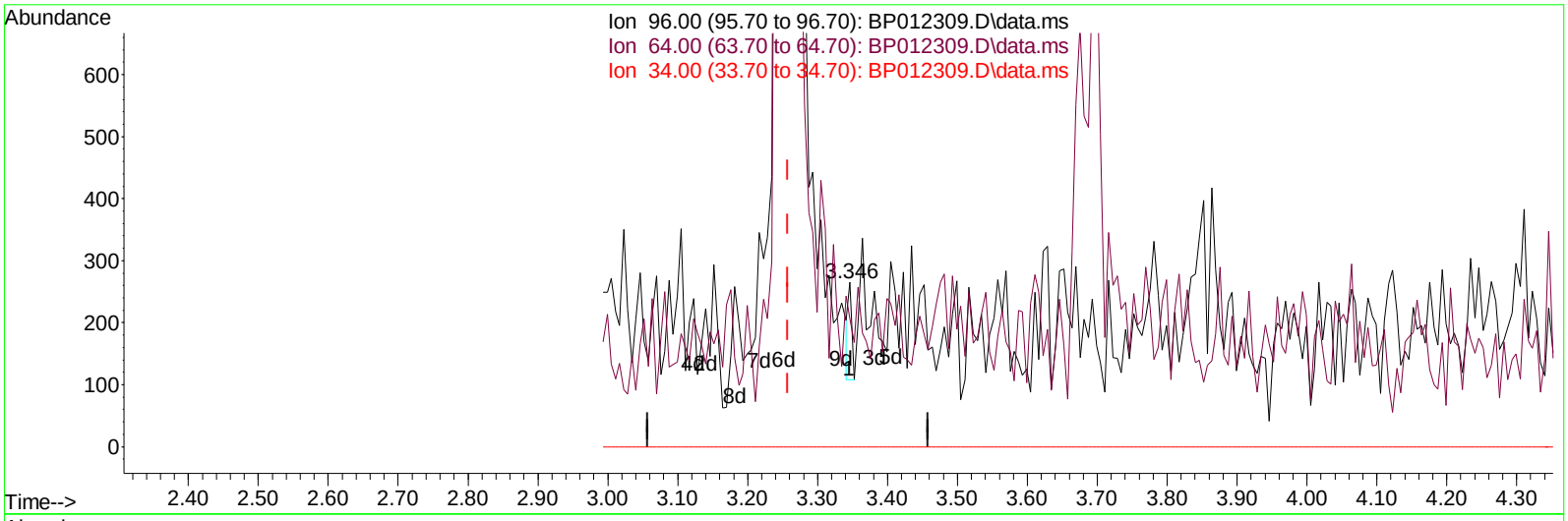
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102422\
Data File : BP012309.D
Acq On : 25 Oct 2022 05:22
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 36 Sample Multiplier: 1

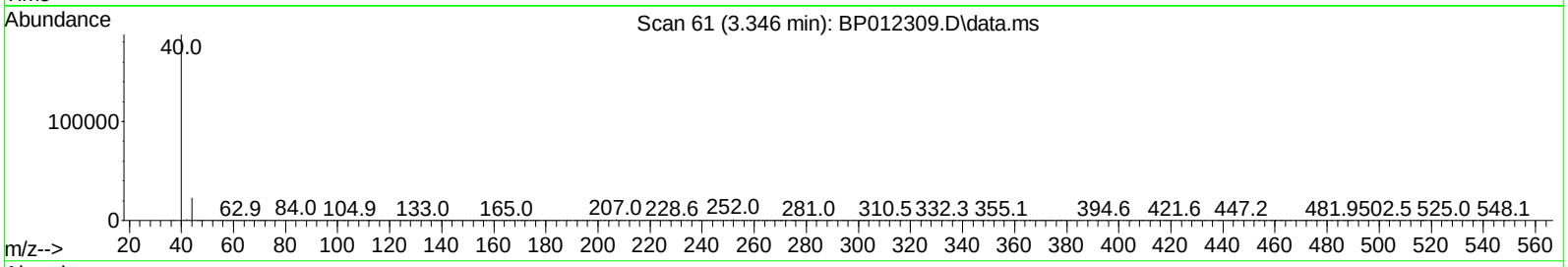
Quant Time: Oct 25 07:30:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 22 01:24:49 2022
Response via : Initial Calibration

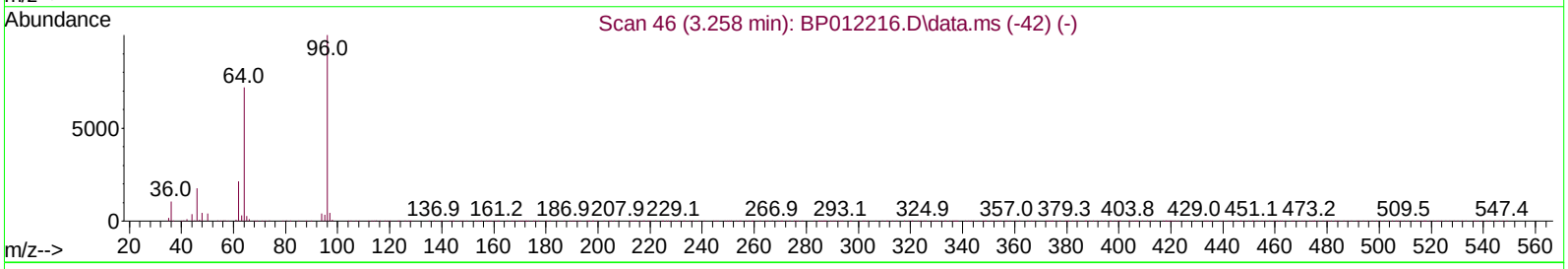
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022







TIC: BP012309.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.346min (+ 0.088) 0.01 ng/uL

response 55

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	73.60	78.11
34.00	0.00	0.00
0.00	0.00	0.00

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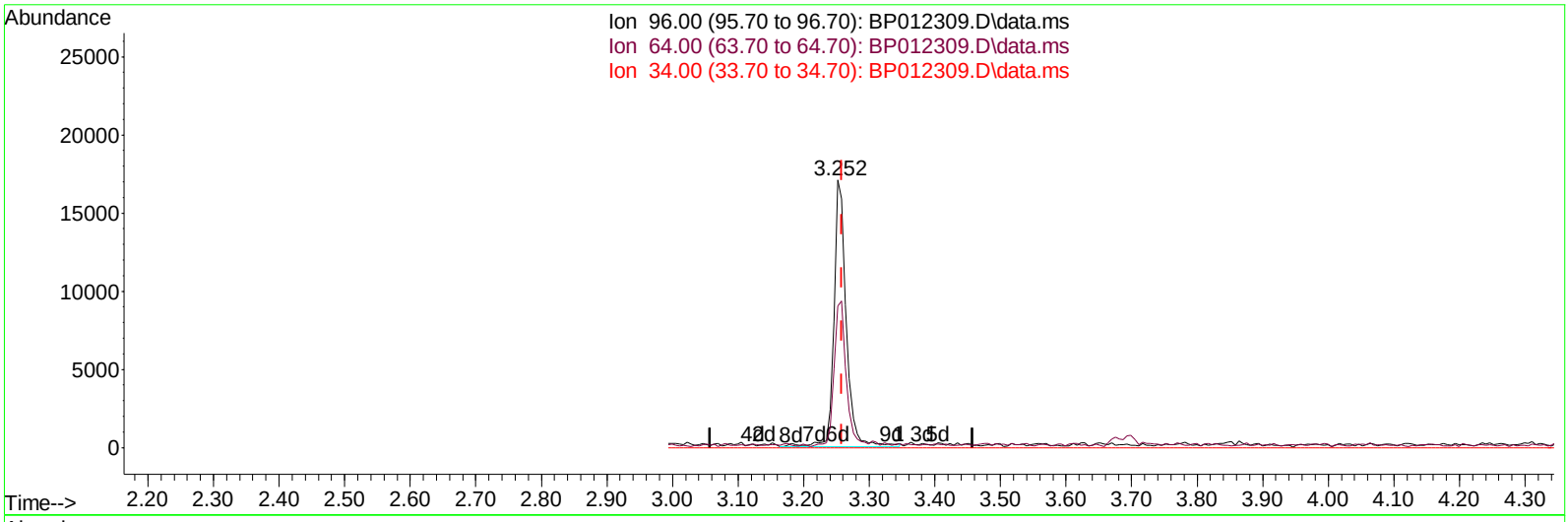

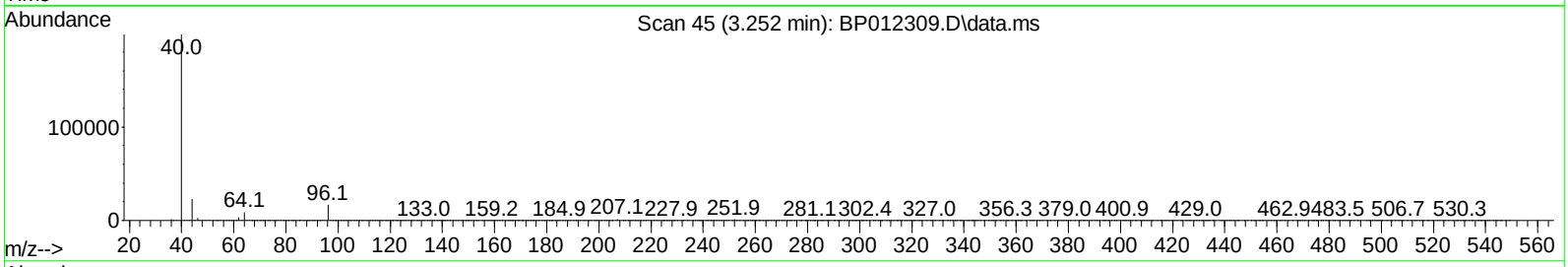

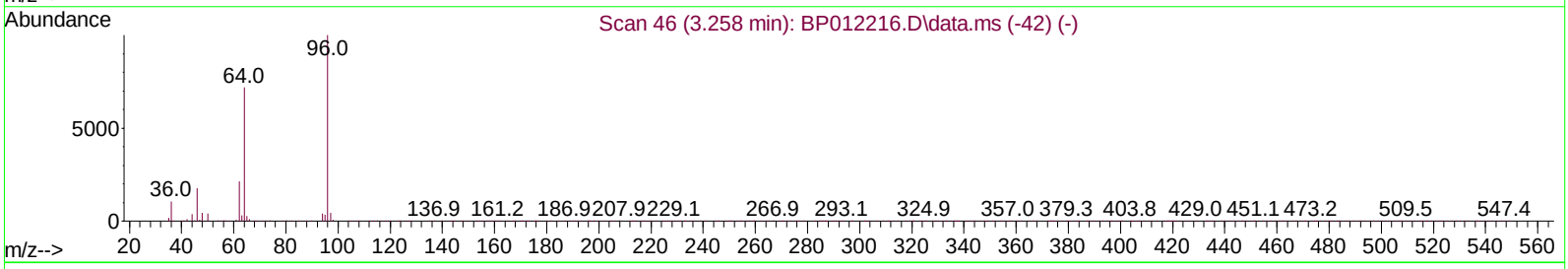

TIC: BP012309.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.252min (-0.006) 2.43 ng/uL m

response 22535

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	73.60	52.95#
34.00	0.00	0.00
0.00	0.00	0.00

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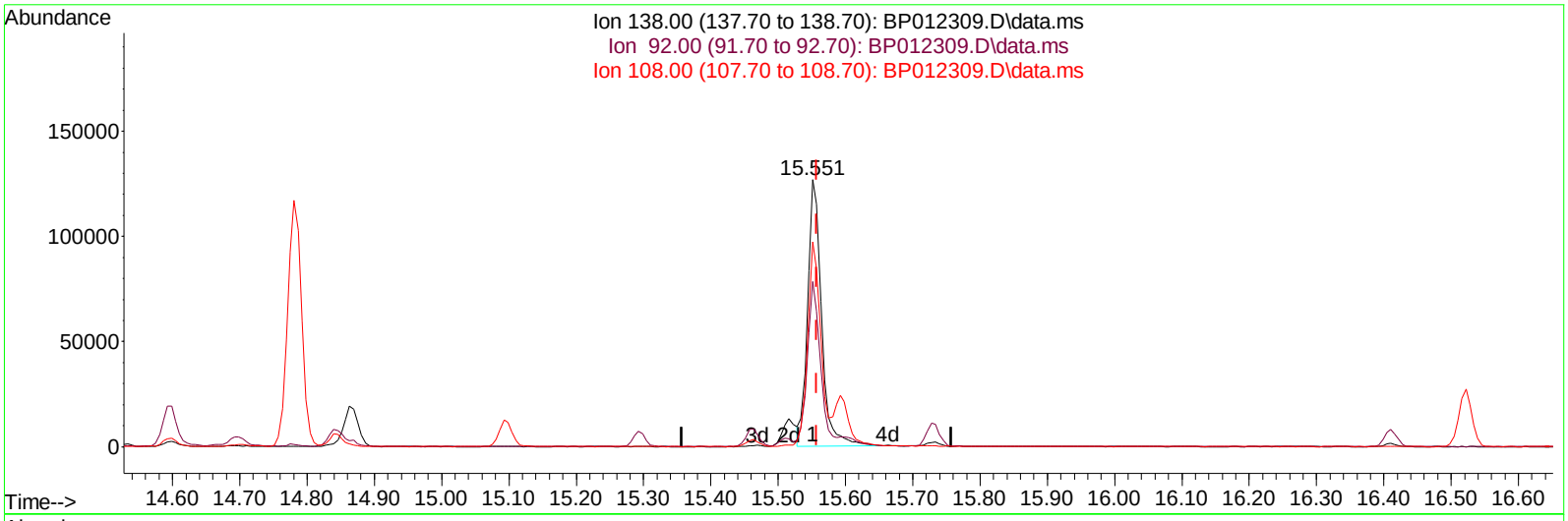

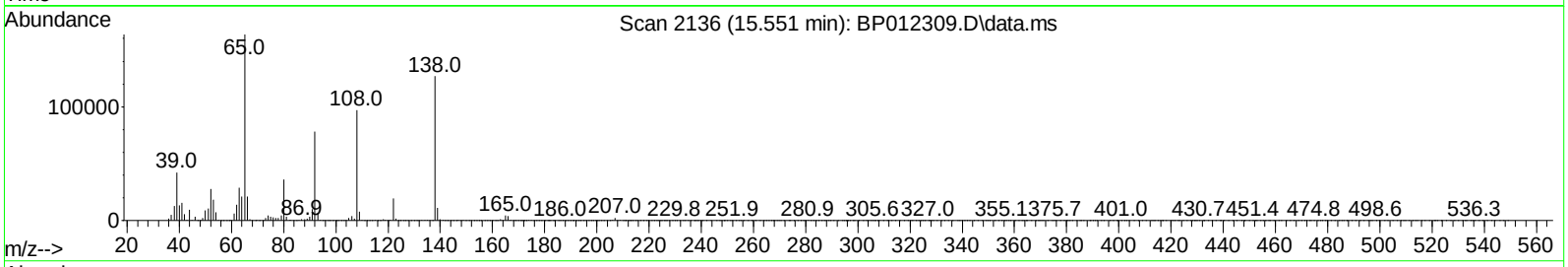

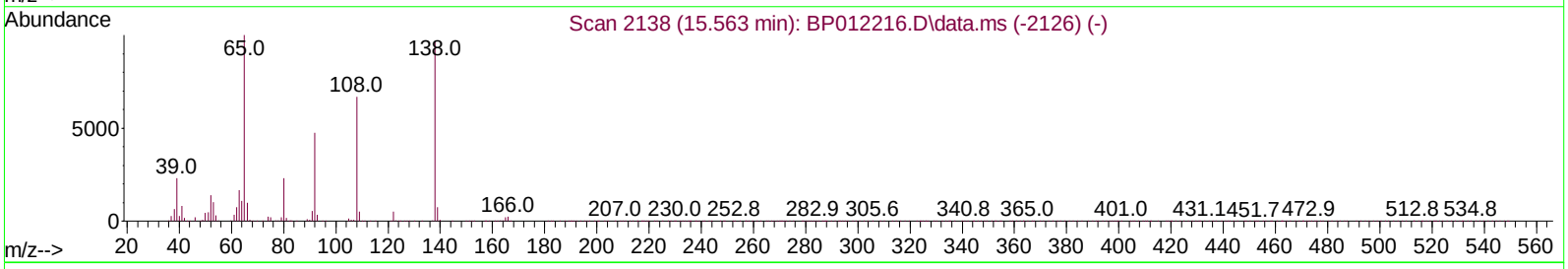

TIC: BP012309.D\data.ms

(63) 4-Nitroaniline

15.551min (-0.006) 12.39 ng/ul

response 183638

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.00	61.84
108.00	71.30	76.69
0.00	0.00	0.00

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LabSampleId :
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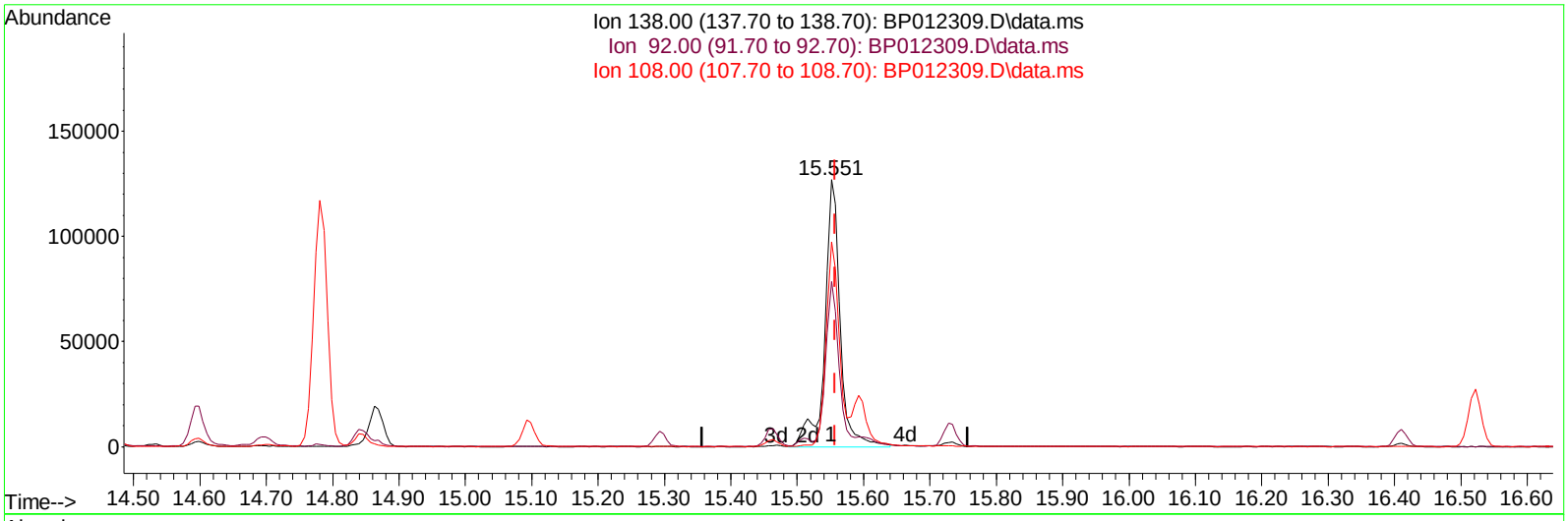

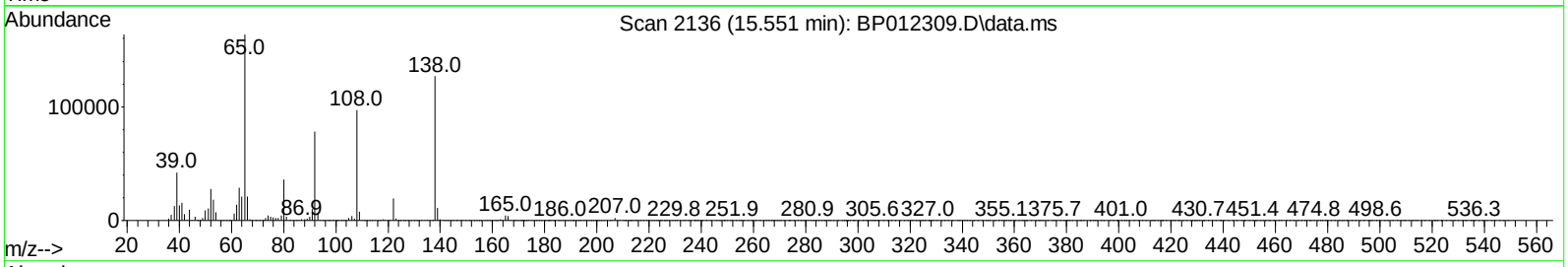

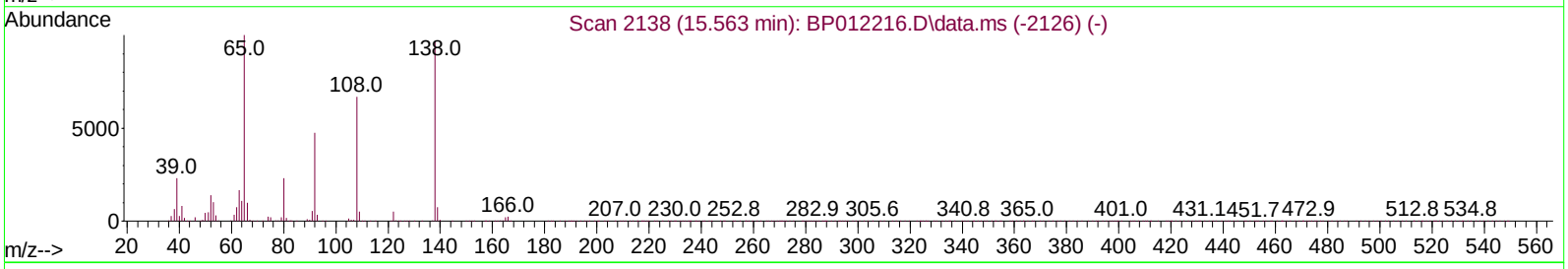

TIC: BP012309.D\data.ms

(63) 4-Nitroaniline

15.551min (-0.006) 13.75 ng/ul m

response 203839

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.00	61.84
108.00	71.30	76.69
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	375927	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136	1821096	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	1072837	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	1817303	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	1800052	20.000	ng/ul	0.00
88) Perylene-d12	23.716	264	1862028	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	22535m	2.426	ng/uL	0.00
4) Pyridine-d5	3.676	84	174438	6.517	ng/ul	0.00
7) Phenol-d5	6.987	99	677009	20.860	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	451004	22.914	ng/ul	0.00
11) 2-Chlorophenol-d4	7.346	132	490126	19.840	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	530154	21.018	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	256586	19.035	ng/ul	0.00
24) 2-Nitrophenol-d4	9.705	143	232006	15.952	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	507670	18.609	ng/ul	0.00
31) 4-Chloroaniline-d4	10.763	131	685984	17.698	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	1381996	18.518	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	1697471	19.927	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	183281	13.109	ng/ul	0.00
60) Fluorene-d10	15.463	176	1171110	18.241	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.593	200	112115	10.845	ng/ul	0.00
73) Anthracene-d10	17.322	188	1572311	19.738	ng/ul	0.00
81) Pyrene-d10	19.563	212	1640808	16.010	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.563	264	1793240	19.204	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	21530	2.154	ng/uL#	81
5) Pyridine	3.693	79	166402	6.325	ng/ul	87
6) Benzaldehyde	6.964	77	373994	24.517	ng/ul	96
8) Phenol	7.016	94	724806	21.347	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.246	93	583466	21.291	ng/ul	95
12) 2-Chlorophenol	7.381	128	543584	20.394	ng/ul	95
13) 2-Methylphenol	8.264	108	549691	21.504	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.352	45	957234	26.266	ng/ul	97
16) Acetophenone	8.646	105	947688	24.323	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.634	70	437323	22.174	ng/ul	92
18) 4-Methylphenol	8.599	108	617308	22.174	ng/ul	99
19) Hexachloroethane	8.887	117	235588	22.376	ng/ul	93
22) Nitrobenzene	9.028	77	720006	21.922	ng/ul	96
23) Isophorone	9.558	82	1331479	21.122	ng/ul	97
25) 2-Nitrophenol	9.740	139	293410	17.757	ng/ul	95
26) 2,4-Dimethylphenol	9.799	107	644317	19.782	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.034	93	845745	20.495	ng/ul	99
29) 2,4-Dichlorophenol	10.269	162	541841	19.193	ng/ul	97
30) Naphthalene	10.669	128	1939007	19.908	ng/ul	99
32) 4-Chloroaniline	10.787	127	731882	18.294	ng/ul	100
33) Hexachlorobutadiene	10.946	225	346763	19.529	ng/ul	98
34) Caprolactam	11.587	113	135951	15.513	ng/ul#	78
35) 4-Chloro-3-methylphenol	11.916	107	557068	18.277	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.281	142	1277775	19.282	ng/ul	98
37) 1-Methylnaphthalene	12.499	142	1292245	19.529	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.652	216	656742	20.147	ng/ul	99
40) Hexachlorocyclopentadiene	12.622	237	229239	13.227	ng/ul	98
41) 2,4,6-Trichlorophenol	12.899	196	377856	17.960	ng/ul	99
42) 2,4,5-Trichlorophenol	12.969	196	404303	17.616	ng/ul	100
43) 1,1'-Biphenyl	13.299	154	1655855	20.752	ng/ul	100
44) 2-Chloronaphthalene	13.340	162	1283776	20.293	ng/ul	99
45) 2-Nitroaniline	13.557	65	262597	15.614	ng/ul	87
47) Dimethylphthalate	13.928	163	1483862	18.975	ng/ul	100
48) 2,6-Dinitrotoluene	14.051	165	233279	15.590	ng/ul#	77
50) Acenaphthylene	14.187	152	1918593	20.214	ng/ul	100
51) 3-Nitroaniline	14.387	138	219266	13.882	ng/ul	92
52) Acenaphthene	14.528	153	1338928	19.947	ng/ul	96
53) 2,4-Dinitrophenol	14.598	184	91132	10.143	ng/ul	92
55) 4-Nitrophenol	14.698	109	170961	16.459	ng/ul	94
56) Dibenzofuran	14.863	168	1784782	19.423	ng/ul	97
57) 2,4-Dinitrotoluene	14.845	165	343635	16.091	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.098	232	297482	15.332	ng/ul	99
59) Diethylphthalate	15.293	149	1408266	18.322	ng/ul	98
61) Fluorene	15.516	166	1388961	19.079	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	687467	18.949	ng/ul	96
63) 4-Nitroaniline	15.551	138	203839m	13.748	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.610	198	121605	11.205	ng/ul#	87
67) N-Nitrosodiphenylamine	15.728	169	1109227	21.030	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	377993	19.645	ng/ul	96
69) Hexachlorobenzene	16.522	284	448510	19.775	ng/ul#	92
70) Atrazine	16.692	200	240324	13.052	ng/ul	99
71) Pentachlorophenol	16.875	266	192303	14.046	ng/ul	98
72) Phenanthrene	17.269	178	1977360	20.245	ng/ul	100
74) Anthracene	17.357	178	1951304	20.192	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	640629	23.624	ng/uL	99
76) Pentachlorobenzene	14.781	250	648072	22.688	ng/uL	99
77) Carbazole	17.634	167	1667314	19.549	ng/ul	99
78) Di-n-butylphthalate	18.181	149	1862290	18.202	ng/ul#	99
80) Fluoranthene	19.239	202	2035321	16.072	ng/ul	99
82) Pyrene	19.592	202	2216524	17.107	ng/ul	99
83) Butylbenzylphthalate	20.469	149	565697	11.225	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.239	252	427147	10.895	ng/ul	99
85) Benzo(a)anthracene	21.304	228	2298666	19.594	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.222	149	841207	11.915	ng/ul	97
87) Chrysene	21.351	228	2117076	19.338	ng/ul	100
89) Di-n-octyl phthalate	22.139	149	1619036	12.571	ng/ul	100
90) Benzo(b)fluoranthene	22.980	252	2345623	18.902	ng/ul	99
91) Benzo(k)fluoranthene	23.033	252	2345262	19.173	ng/ul	99
93) Benzo(a)pyrene	23.610	252	2096940	19.761	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.210	276	2640543	21.495	ng/ul	98
95) Dibenzo(a,h)anthracene	26.221	278	2403808	21.705	ng/ul	99
96) Benzo(g,h,i)perylene	26.974	276	2249578	19.504	ng/ul	99

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

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