Quantitation Report (Qedit)

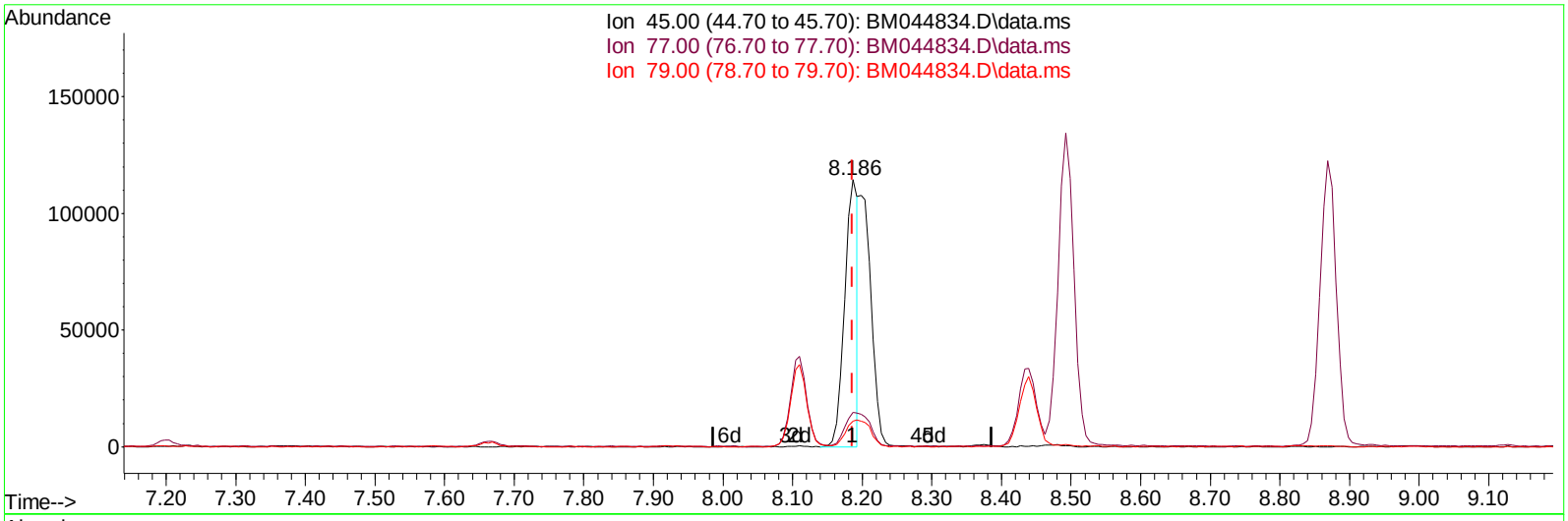
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033024\
Data File : BM044834.D
Acq On : 30 Mar 2024 16:16
Operator : MA/JU
Sample : P1887-07MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

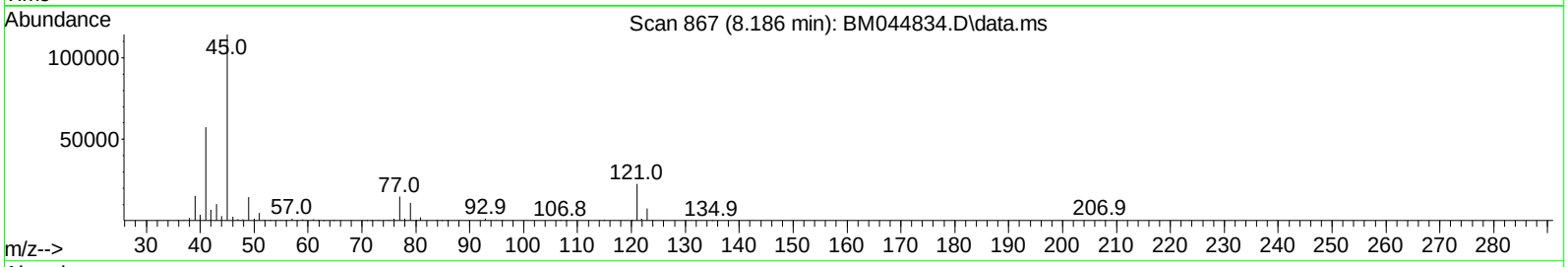
Quant Time: Mar 31 13:58:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 13:54:26 2024
Response via : Initial Calibration

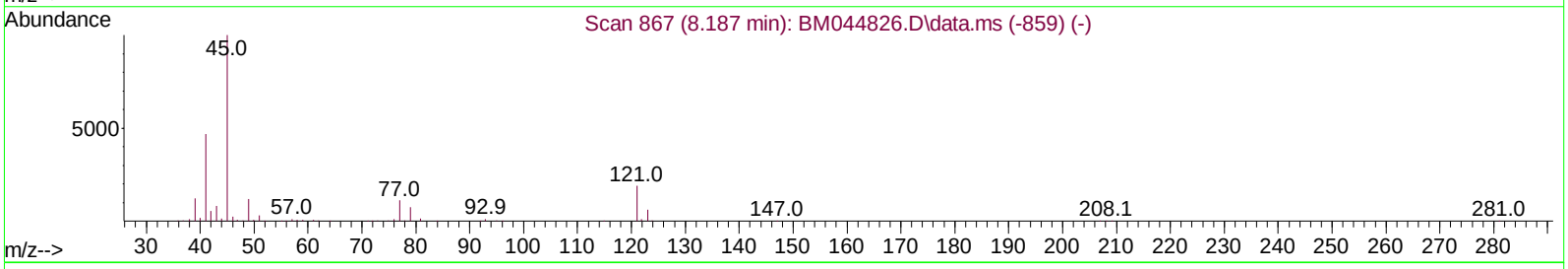
Instrument :
BNA_M
ClientSampleId :
E0799MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/01/2024
Supervised By :mohammad ahmed 04/02/2024







TIC: BM044834.D\data.ms

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

8.186min (-0.000) 13.72 ng/ul

response 150527

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.50	12.87
79.00	11.30	9.67
0.00	0.00	0.00

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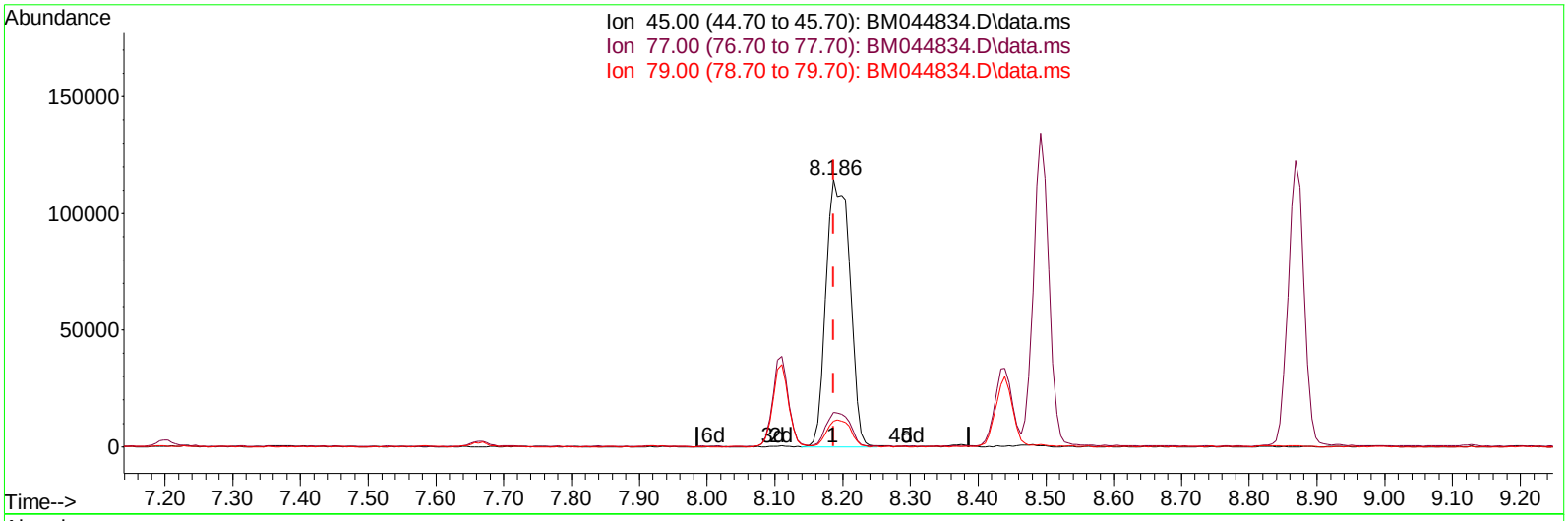

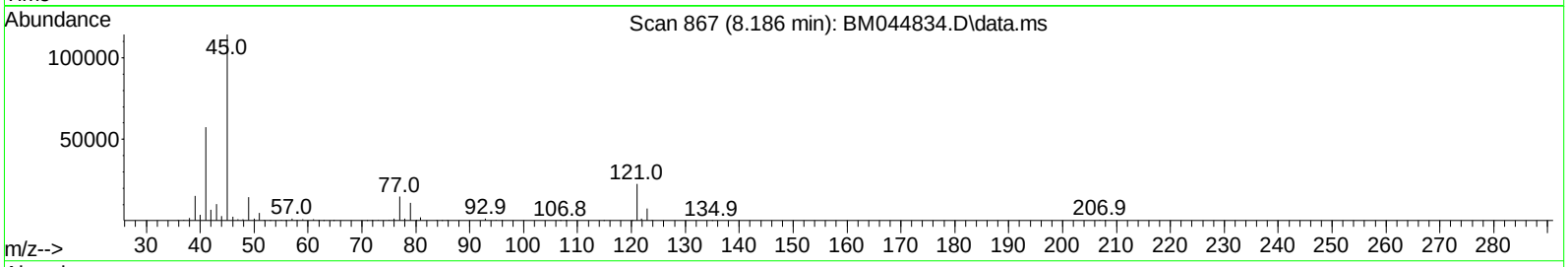

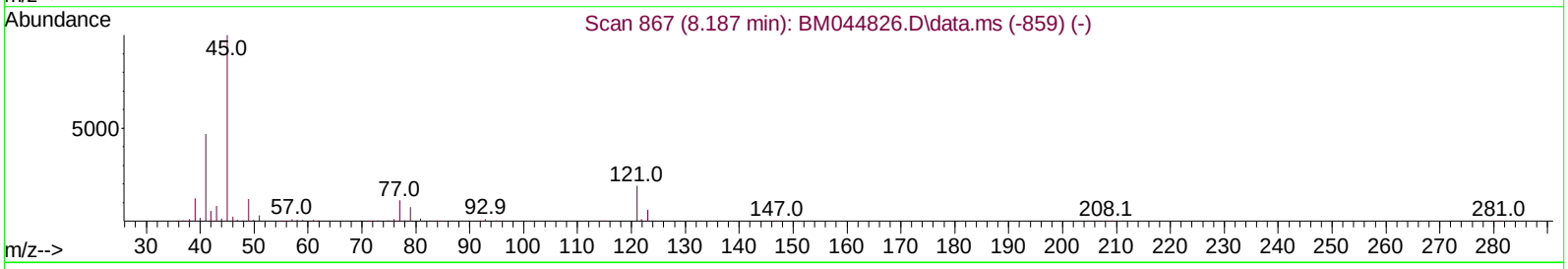

TIC: BM044834.D\data.ms

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

8.186min (-0.000) 25.54 ng/ul m

response 280148

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.50	12.87
79.00	11.30	9.67
0.00	0.00	0.00

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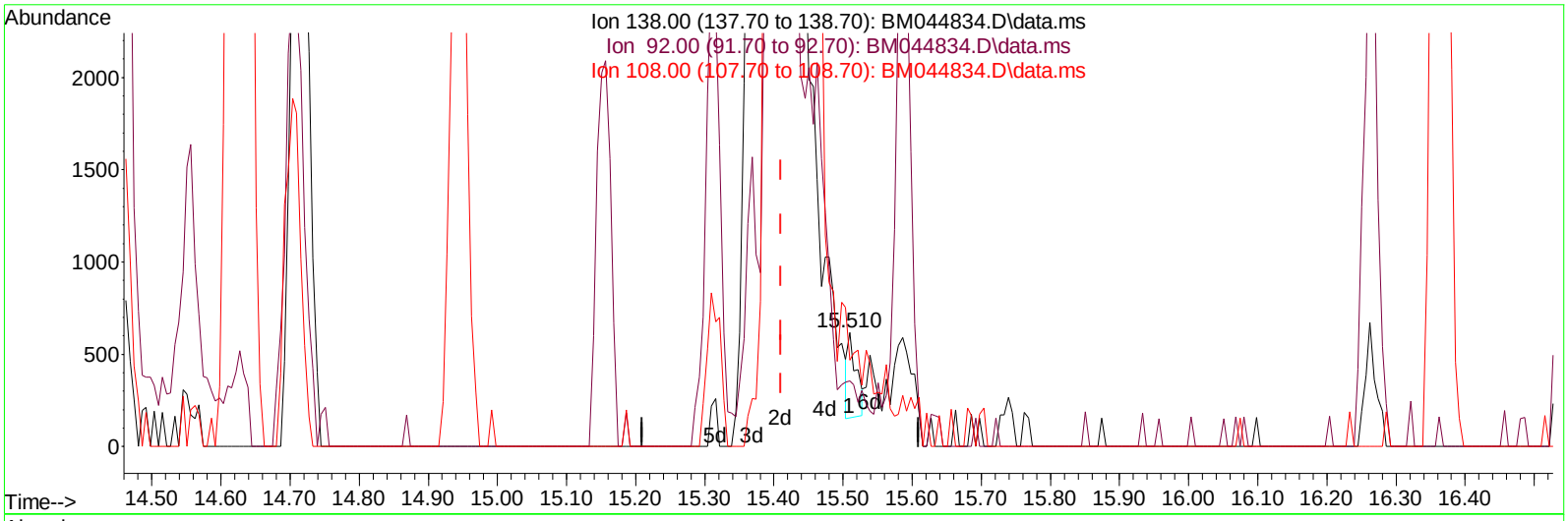

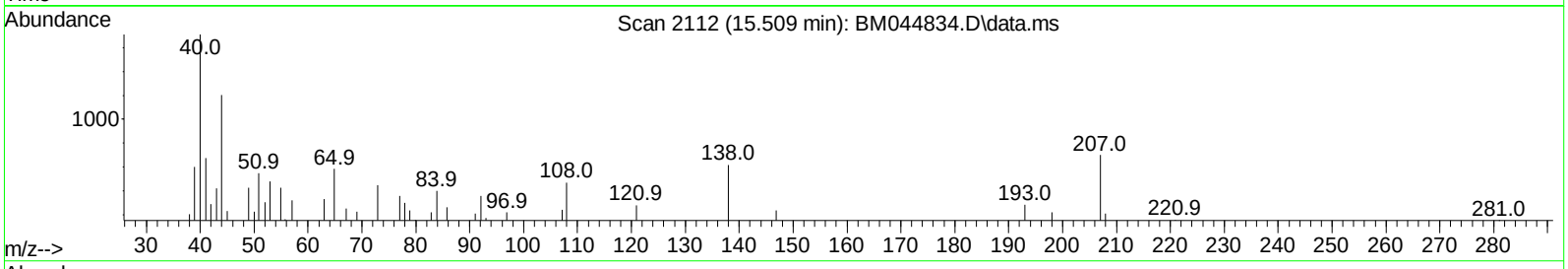

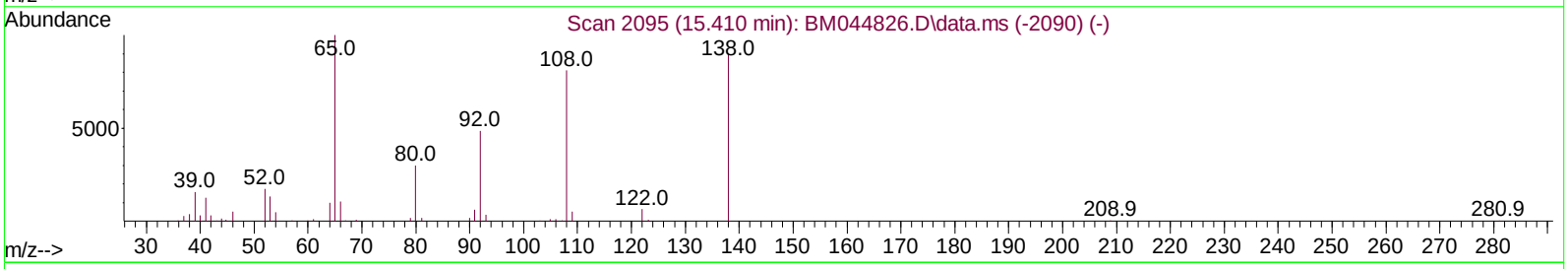

TIC: BM044834.D\data.ms

(63) 4-Nitroaniline

15.509min (+ 0.100) 0.11 ng/ul

response 395

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	57.51
108.00	68.30	75.77
0.00	0.00	0.00

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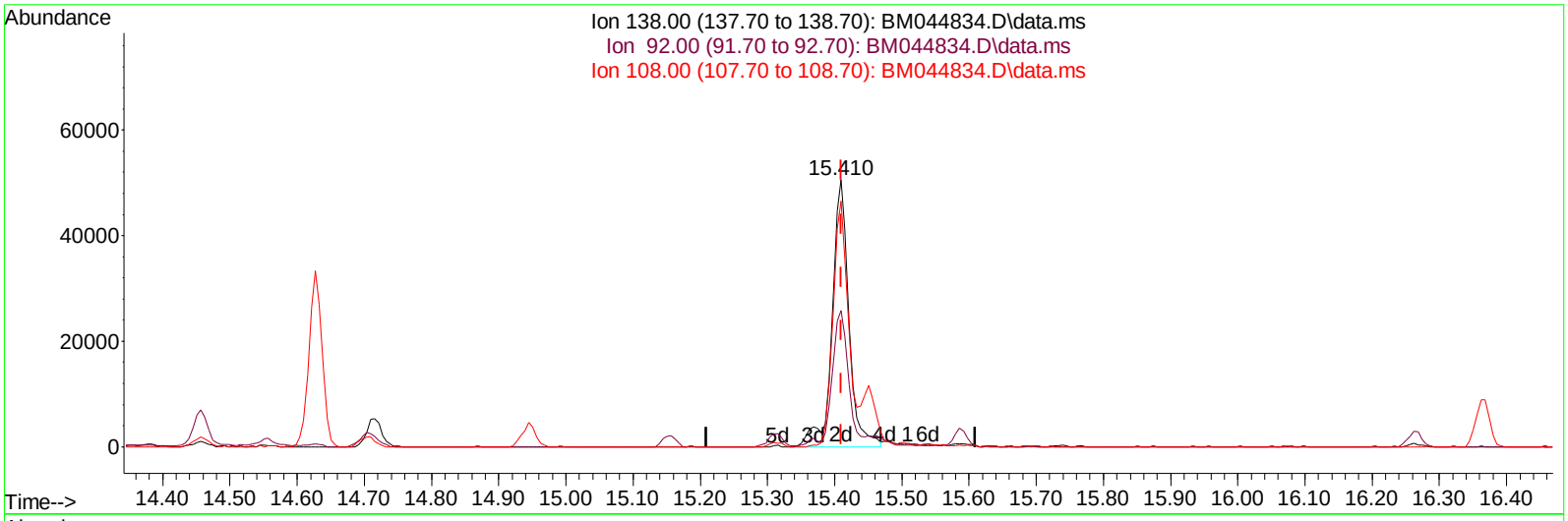

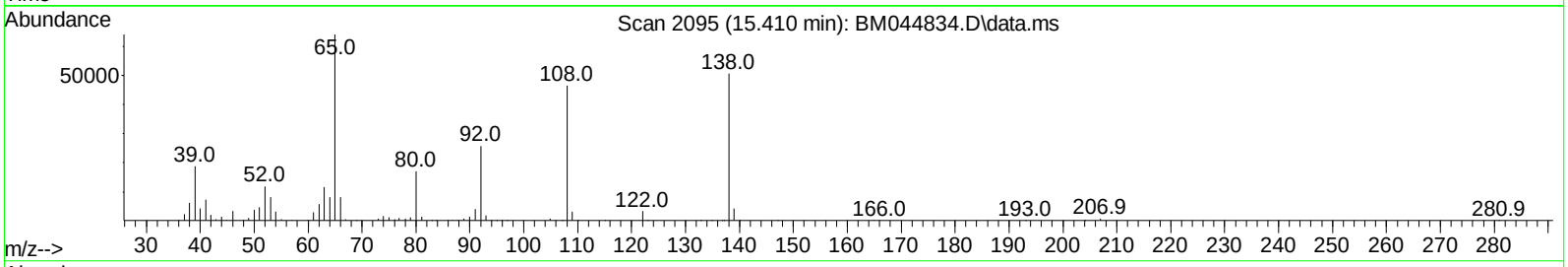

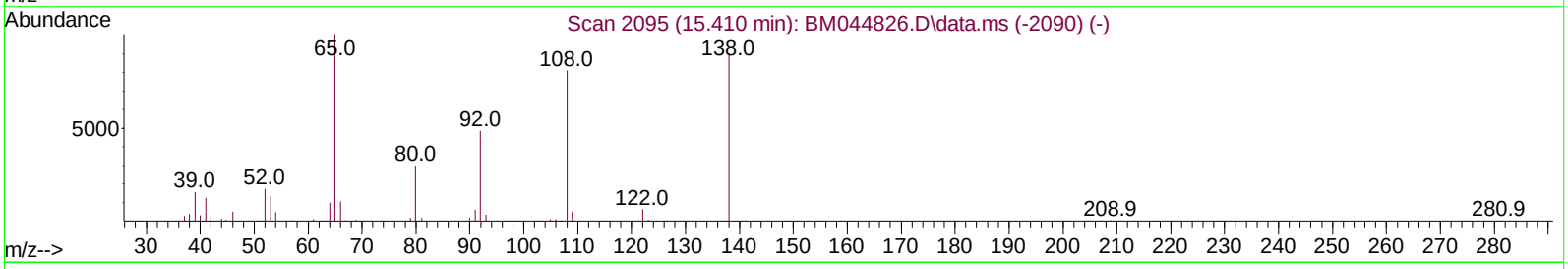

TIC: BM044834.D\data.ms

(63) 4-Nitroaniline

15.410min (-0.000) 25.17 ng/ul m

response 88694

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	51.00
108.00	68.30	92.19#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 04/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	96416	20.000	ng/ul	0.00
20) Naphthalene-d8	10.445	136	383860	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.315	164	214048	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.068	188	398832	20.000	ng/ul	0.00
79) Chrysene-d12	21.268	240	366392	20.000	ng/ul	0.00
88) Perylene-d12	23.503	264	420107	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	11005	3.871	ng/uL	0.00
4) Pyridine-d5	3.640	84	44528	5.322	ng/ul	0.00
7) Phenol-d5	6.845	99	191803	19.349	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	126900	20.725	ng/ul	0.00
11) 2-Chlorophenol-d4	7.198	132	155478	21.344	ng/ul	0.00
15) 4-Methylphenol-d8	8.375	113	134586	17.288	ng/ul	0.00
21) Nitrobenzene-d5	8.828	128	78561	24.305	ng/ul	0.00
24) 2-Nitrophenol-d4	9.539	143	85447	24.522	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	148053	24.965	ng/ul	0.00
31) 4-Chloroaniline-d4	10.598	131	11822	1.200	ng/ul	0.00
46) Dimethylphthalate-d6	13.733	166	392500	23.376	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	456246	23.759	ng/ul	0.00
54) 4-Nitrophenol-d4	14.539	143	71230	20.456	ng/ul	0.00
60) Fluorene-d10	15.310	176	329512	23.353	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	52446	20.258	ng/ul	0.00
73) Anthracene-d10	17.168	188	473946	24.861	ng/ul	0.00
81) Pyrene-d10	19.474	212	552653	24.593	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.362	264	559504	25.338	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	24287	8.253	ng/uL#	87
5) Pyridine	3.651	79	121658	14.019	ng/ul#	81
6) Benzaldehyde	6.828	77	119915	27.773	ng/ul	95
8) Phenol	6.869	94	208759	20.635	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.110	93	174518	21.008	ng/ul	94
12) 2-Chlorophenol	7.234	128	168369	22.409	ng/ul	98
13) 2-Methylphenol	8.110	108	140009	18.237	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.186	45	280148m	25.537	ng/ul	
16) Acetophenone	8.492	105	266564	22.078	ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.475	70	129042	20.687	ng/ul#	82
18) 4-Methylphenol	8.439	108	153285	18.342	ng/ul	99
19) Hexachloroethane	8.722	117	77276	25.108	ng/ul	92
22) Nitrobenzene	8.869	77	201024	26.225	ng/ul	96
23) Isophorone	9.392	82	371604	23.761	ng/ul	97
25) 2-Nitrophenol	9.569	139	93243	24.545	ng/ul#	86
26) 2,4-Dimethylphenol	9.628	107	65466	9.471	ng/ul	92
27) Bis(2-Chloroethoxy)met...	9.875	93	220367	22.405	ng/ul	98
29) 2,4-Dichlorophenol	10.098	162	146712	24.780	ng/ul	98
30) Naphthalene	10.492	128	530230	24.389	ng/ul	99
32) 4-Chloroaniline	10.622	127	154304	16.250	ng/ul	97
33) Hexachlorobutadiene	10.763	225	96662	29.129	ng/ul	95
34) Caprolactam	11.416	113	43914	19.046	ng/ul#	76
35) 4-Chloro-3-methylphenol	11.745	107	148753	21.665	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	12.110	142	339446	23.479	ng/ul	99
37) 1-Methylnaphthalene	12.333	142	335558	23.528	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.480	216	168511	27.672	ng/ul	99
40) Hexachlorocyclopentadiene	12.445	237	51049	12.629	ng/ul	97
41) 2,4,6-Trichlorophenol	12.733	196	111125	26.031	ng/ul	98
42) 2,4,5-Trichlorophenol	12.810	196	118077	25.809	ng/ul	96
43) 1,1'-Biphenyl	13.139	154	426810	25.111	ng/ul	99
44) 2-Chloronaphthalene	13.180	162	334146	25.051	ng/ul	99
45) 2-Nitroaniline	13.404	65	113272	27.051	ng/ul	95
47) Dimethylphthalate	13.780	163	406619	23.799	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	83569	24.487	ng/ul	91
50) Acenaphthylene	14.033	152	546153	24.402	ng/ul	99
51) 3-Nitroaniline	14.239	138	82910	22.492	ng/ul	95
52) Acenaphthene	14.380	153	364571	24.778	ng/ul	100
53) 2,4-Dinitrophenol	14.457	184	36436	16.691	ng/ul#	84
55) 4-Nitrophenol	14.551	109	64769	26.548	ng/ul#	81
56) Dibenzofuran	14.715	168	482653	24.661	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	120317	24.423	ng/ul#	75
58) 2,3,4,6-Tetrachlorophenol	14.945	232	96250	25.423	ng/ul	99
59) Diethylphthalate	15.157	149	423265	23.870	ng/ul	99
61) Fluorene	15.368	166	394321	24.635	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.368	204	189246	25.473	ng/ul	100
63) 4-Nitroaniline	15.410	138	88694m	25.174	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.468	198	57766	20.880	ng/ul	99
67) N-Nitrosodiphenylamine	15.586	169	314175	26.155	ng/ul	98
68) 4-Bromophenyl-phenylether	16.268	248	115247	28.890	ng/ul	94
69) Hexachlorobenzene	16.368	284	133351	29.348	ng/ul	95
70) Atrazine	16.551	200	111351	28.367	ng/ul	97
71) Pentachlorophenol	16.721	266	75401	25.131	ng/ul	97
72) Phenanthrene	17.109	178	591004	26.122	ng/ul	100
74) Anthracene	17.204	178	587098	25.658	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	167789	31.497	ng/uL	100
76) Pentachlorobenzene	14.627	250	157630	30.607	ng/uL	99
77) Carbazole	17.486	167	548339	25.503	ng/ul	99
78) Di-n-butylphthalate	18.051	149	746124	25.799	ng/ul	99
80) Fluoranthene	19.139	202	677020	25.298	ng/ul	96
82) Pyrene	19.503	202	710850	25.513	ng/ul	95
83) Butylbenzylphthalate	20.421	149	347377	25.356	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.197	252	147005	18.548	ng/ul	98
85) Benzo(a)anthracene	21.256	228	714008	25.950	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.197	149	529888	26.528	ng/ul	97
87) Chrysene	21.309	228	658774	25.861	ng/ul	100
89) Di-n-octyl phthalate	22.086	149	915275	24.344	ng/ul	100
90) Benzo(b)fluoranthene	22.838	252	711502	25.311	ng/ul	99
91) Benzo(k)fluoranthene	22.880	252	699507	25.407	ng/ul	99
93) Benzo(a)pyrene	23.409	252	664324	25.263	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.762	276	830545	28.160	ng/ul	97
95) Dibenzo(a,h)anthracene	25.779	278	690253	28.067	ng/ul	97
96) Benzo(g,h,i)perylene	26.450	276	631403	26.827	ng/ul	97

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

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