Quantitation Report (Qedit)

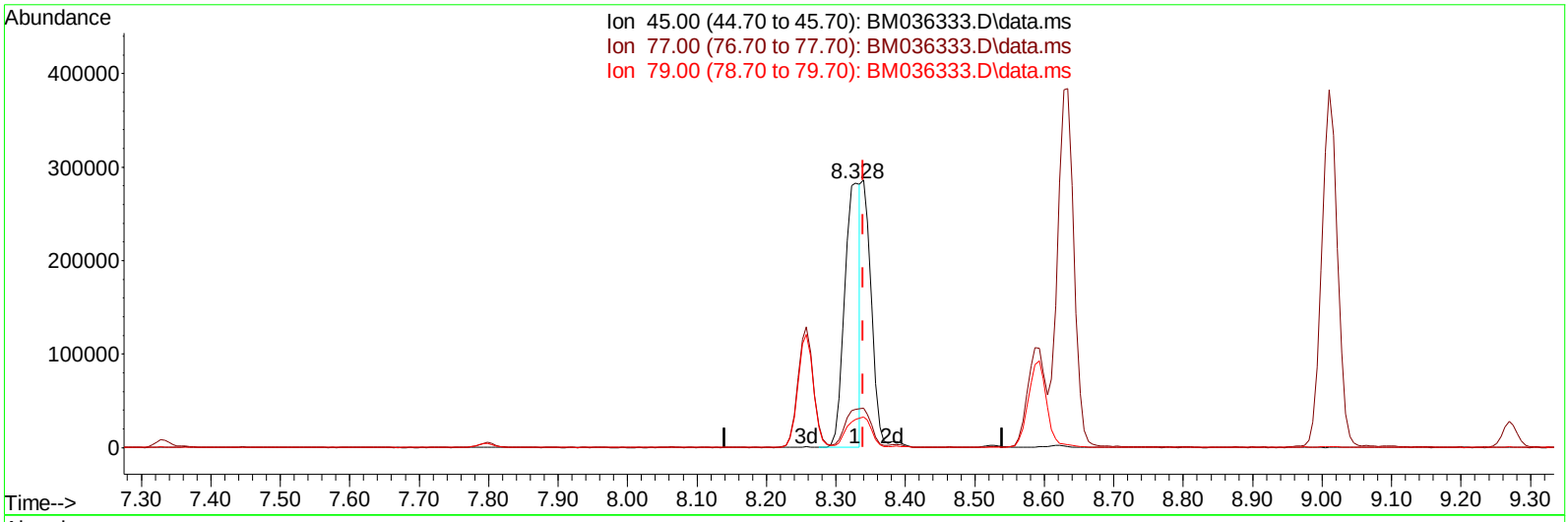
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081722\
Data File : BM036333.D
Acq On : 18 Aug 2022 01:49
Operator : CG/JU
Sample : N4176-15MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

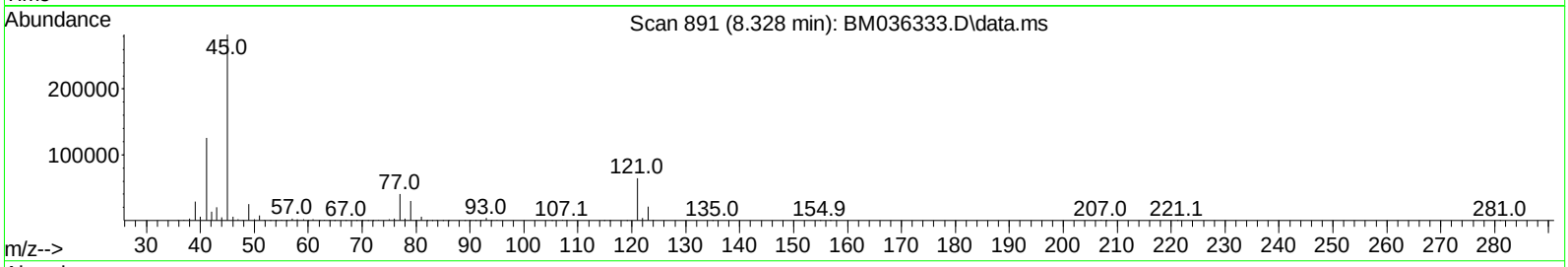
Quant Time: Aug 18 04:00:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 16 15:00:33 2022
Response via : Initial Calibration

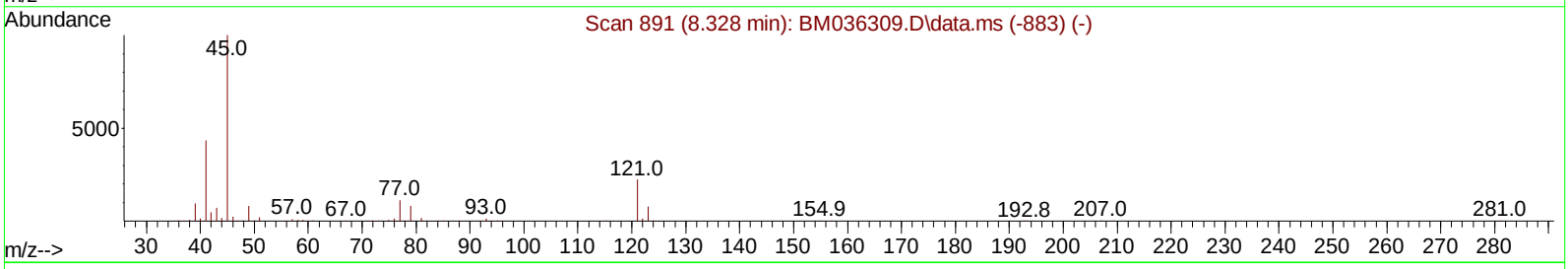
Instrument :
BNA_M
ClientSampleId :
EX7Q7MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/19/2022







TIC: BM036333.D\data.ms

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

8.328min (-0.011) 19.34 ng/ul

response 445578

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.20	14.41
79.00	10.40	10.68
0.00	0.00	0.00

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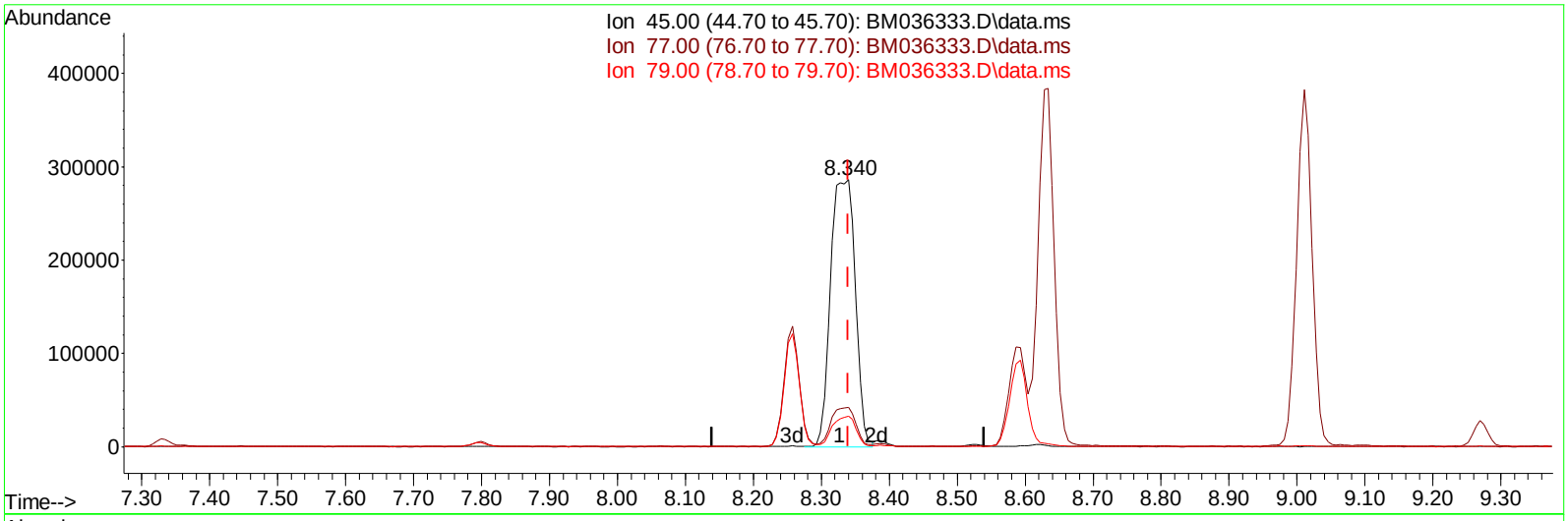

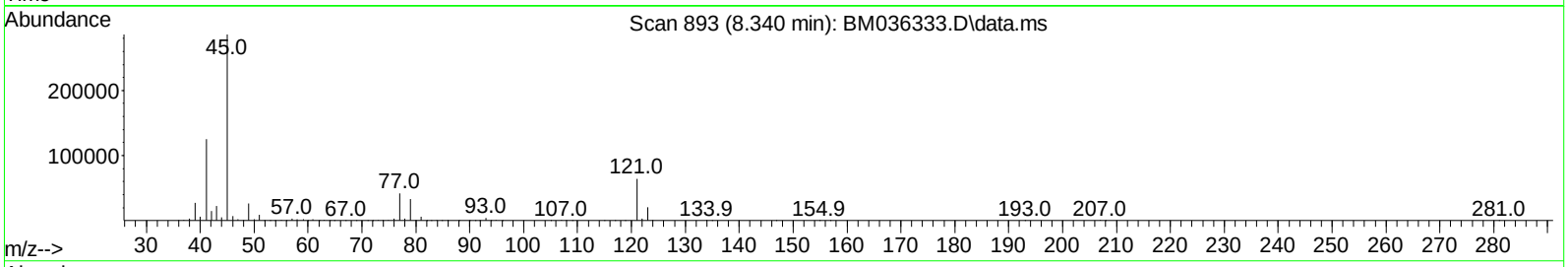

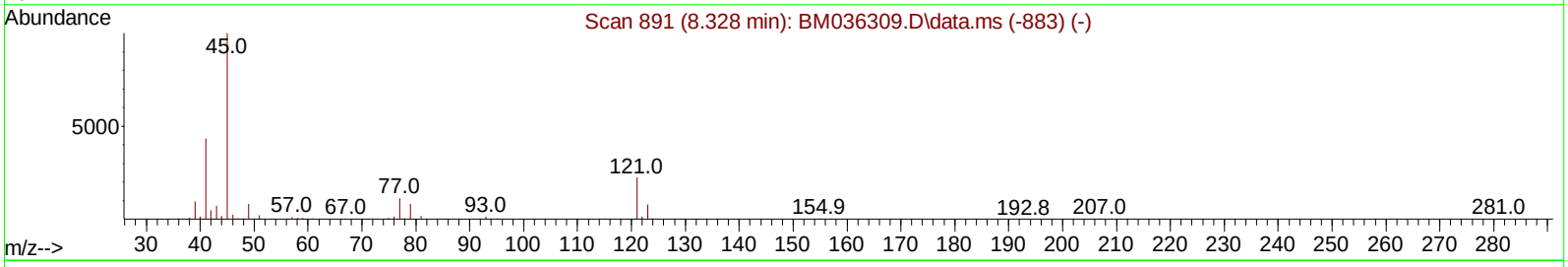

TIC: BM036333.D\data.ms

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

8.340min (+ 0.000) 31.37 ng/ul m

response 722601

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.20	14.69
79.00	10.40	11.53
0.00	0.00	0.00

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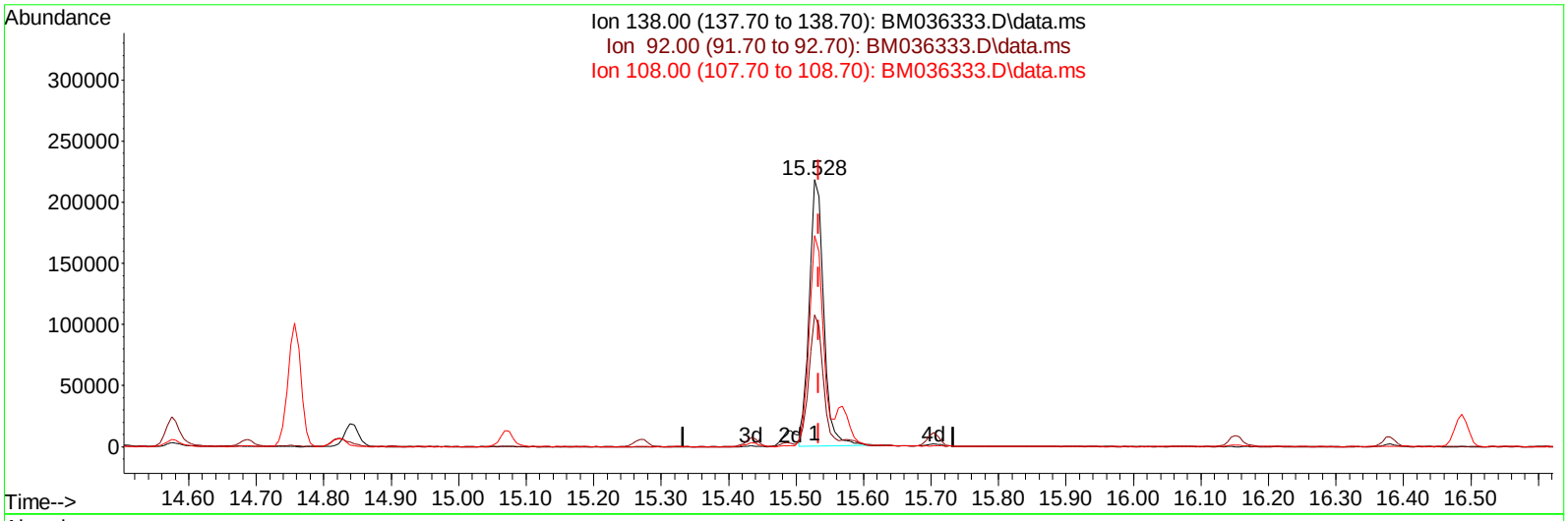

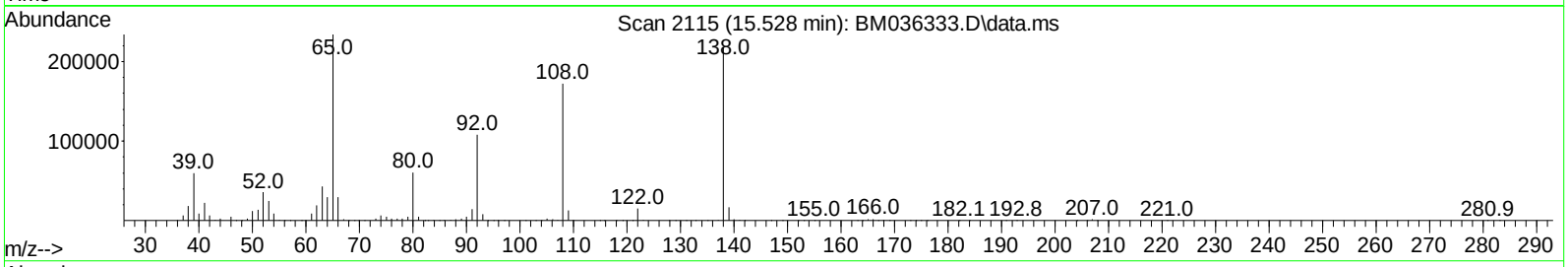

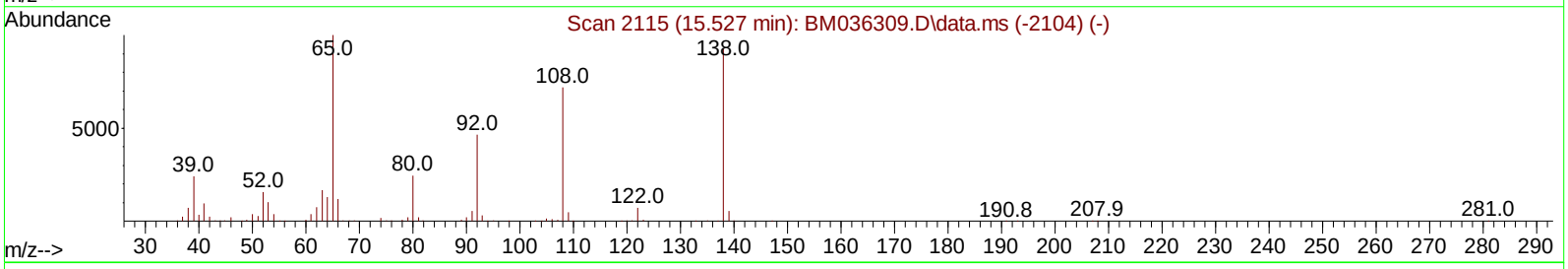

TIC: BM036333.D\data.ms

(63) 4-Nitroaniline

15.528min (-0.006) 45.56 ng/ul

response 324424

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.00	49.50
108.00	64.50	79.01#
0.00	0.00	0.00

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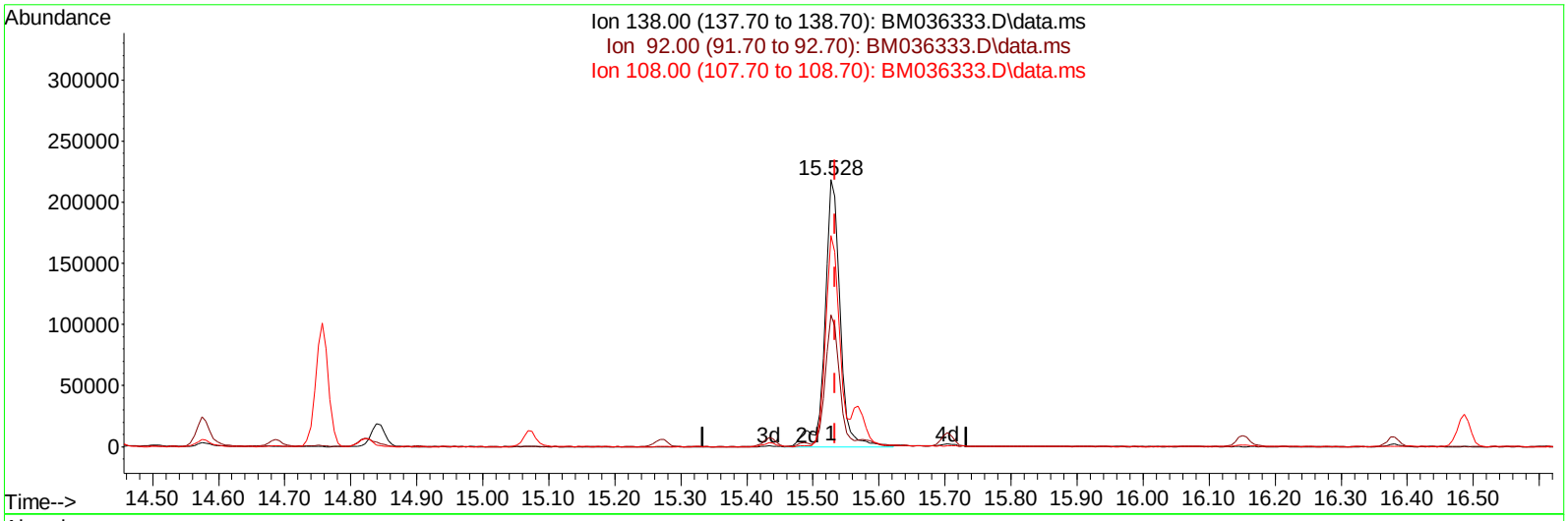

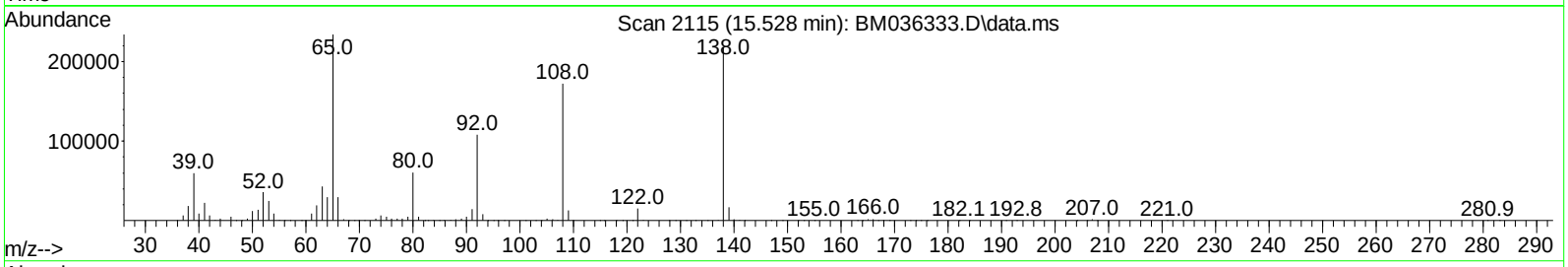

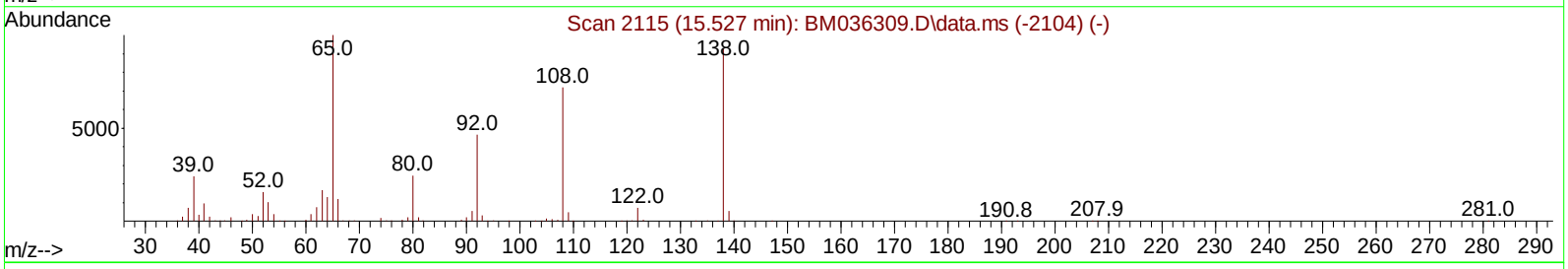

TIC: BM036333.D\data.ms

(63) 4-Nitroaniline

15.528min (-0.006) 49.28 ng/ul m

response 350914

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.00	49.50
108.00	64.50	79.01#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/18/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	242580	20.000	ng/ul	0.00
20) Naphthalene-d8	10.598	136	1016063	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	568039	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1082118	20.000	ng/ul	0.00
79) Chrysene-d12	21.368	240	987063	20.000	ng/ul	0.00
88) Perylene-d12	23.703	264	1056099	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	29287	4.601	ng/uL	0.00
4) Pyridine-d5	3.634	84	290213	16.534	ng/ul	0.00
7) Phenol-d5	6.981	99	582008	28.108	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	364185	27.942	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	487258	29.950	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	433411	28.033	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	240759	31.253	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	251387	32.171	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	441809	31.643	ng/ul	0.00
31) 4-Chloroaniline-d4	10.751	131	568645	26.271	ng/ul	0.00
46) Dimethylphthalate-d6	13.863	166	1185661	32.993	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	1456843	32.503	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	233861	34.344	ng/ul	0.00
60) Fluorene-d10	15.433	176	1070143	32.954	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	167668	30.138	ng/ul	0.00
73) Anthracene-d10	17.286	188	1646452	34.218	ng/ul	0.00
81) Pyrene-d10	19.580	212	1854602	36.221	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.551	264	1816376	35.079	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	76951	11.478	ng/uL	94
5) Pyridine	3.652	79	370110	20.411	ng/ul	90
6) Benzaldehyde	6.946	77	304964	35.855	ng/ul	96
8) Phenol	7.010	94	686441	31.886	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.228	93	541172	31.429	ng/ul	98
12) 2-Chlorophenol	7.363	128	565425	33.236	ng/ul	98
13) 2-Methylphenol	8.257	108	486519	30.658	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.340	45	722601m	31.367	ng/ul	
16) Acetophenone	8.634	105	824511	33.158	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.616	70	401374	32.430	ng/ul	96
18) 4-Methylphenol	8.587	108	532321	31.337	ng/ul	99
19) Hexachloroethane	8.869	117	234592	32.960	ng/ul	89
22) Nitrobenzene	9.010	77	604543	33.120	ng/ul	100
23) Isophorone	9.540	82	1099863	33.931	ng/ul	98
25) 2-Nitrophenol	9.722	139	304669	34.996	ng/ul	96
26) 2,4-Dimethylphenol	9.787	107	337167	19.366	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.022	93	682384	32.337	ng/ul	99
29) 2,4-Dichlorophenol	10.257	162	492019	34.443	ng/ul	97
30) Naphthalene	10.651	128	1744777	32.718	ng/ul	100
32) 4-Chloroaniline	10.775	127	541143	24.579	ng/ul	100
33) Hexachlorobutadiene	10.928	225	304981	33.984	ng/ul	99
34) Caprolactam	11.569	113	154757	36.157	ng/ul	92
35) 4-Chloro-3-methylphenol	11.910	107	512363	35.474	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	12.263	142	1129475	33.757	ng/ul	99
37) 1-Methylnaphthalene	12.487	142	1116130	33.123	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.634	216	547024	34.841	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	158814	17.050	ng/ul	98
41) 2,4,6-Trichlorophenol	12.881	196	367584	37.206	ng/ul	99
42) 2,4,5-Trichlorophenol	12.957	196	399412	38.114	ng/ul	100
43) 1,1'-Biphenyl	13.281	154	1449222	33.922	ng/ul	100
44) 2-Chloronaphthalene	13.322	162	1135009	34.621	ng/ul	99
45) 2-Nitroaniline	13.539	65	339560	38.250	ng/ul	98
47) Dimethylphthalate	13.910	163	1342218	36.285	ng/ul	99
48) 2,6-Dinitrotoluene	14.033	165	285062	40.843	ng/ul	92
50) Acenaphthylene	14.169	152	1825819	34.543	ng/ul	99
51) 3-Nitroaniline	14.369	138	316565	41.475	ng/ul	97
52) Acenaphthene	14.504	153	1192282	34.608	ng/ul	99
53) 2,4-Dinitrophenol	14.575	184	127569	33.538	ng/ul	97
55) 4-Nitrophenol	14.686	109	214396	39.850	ng/ul	83
56) Dibenzofuran	14.839	168	1660483	34.736	ng/ul	97
57) 2,4-Dinitrotoluene	14.822	165	417430	42.172	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.075	232	319194	40.116	ng/ul#	96
59) Diethylphthalate	15.269	149	1394562	38.245	ng/ul	99
61) Fluorene	15.492	166	1353467	35.697	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	632234	35.696	ng/ul	99
63) 4-Nitroaniline	15.528	138	350914m	49.285	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.586	198	197357	35.087	ng/ul#	99
67) N-Nitrosodiphenylamine	15.704	169	1145963	37.042	ng/ul	99
68) 4-Bromophenyl-phenylether	16.380	248	384182	38.342	ng/ul	99
69) Hexachlorobenzene	16.486	284	471718	38.848	ng/ul	97
70) Atrazine	16.657	200	204175	19.315	ng/ul	98
71) Pentachlorophenol	16.839	266	235995	35.253	ng/ul	98
72) Phenanthrene	17.227	178	2189750	38.492	ng/ul	99
74) Anthracene	17.322	178	2152782	37.747	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.239	216	541692	33.362	ng/uL	97
76) Pentachlorobenzene	14.757	250	527901	34.821	ng/uL	99
77) Carbazole	17.598	167	2039031	38.185	ng/ul	99
78) Di-n-butylphthalate	18.157	149	2410282	41.268	ng/ul	99
80) Fluoranthene	19.245	202	2558932	41.353	ng/ul	98
82) Pyrene	19.610	202	2589845	40.106	ng/ul	97
83) Butylbenzylphthalate	20.515	149	1068006	44.208	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.298	252	625930	30.795	ng/ul	98
85) Benzo(a)anthracene	21.357	228	2410588	40.639	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.286	149	1540152	46.174	ng/ul	99
87) Chrysene	21.409	228	2380471	40.843	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	2610677	41.584	ng/ul	100
90) Benzo(b)fluoranthene	22.992	252	2547421	39.563	ng/ul	97
91) Benzo(k)fluoranthene	23.039	252	2421341	39.526	ng/ul	98
93) Benzo(a)pyrene	23.603	252	2491166	39.327	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.127	276	2965602	39.819	ng/ul	94
95) Dibenzo(a,h)anthracene	26.139	278	2524309	39.346	ng/ul	96
96) Benzo(g,h,i)perylene	26.862	276	2270430	35.649	ng/ul	95

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

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