Quantitation Report (Qedit)

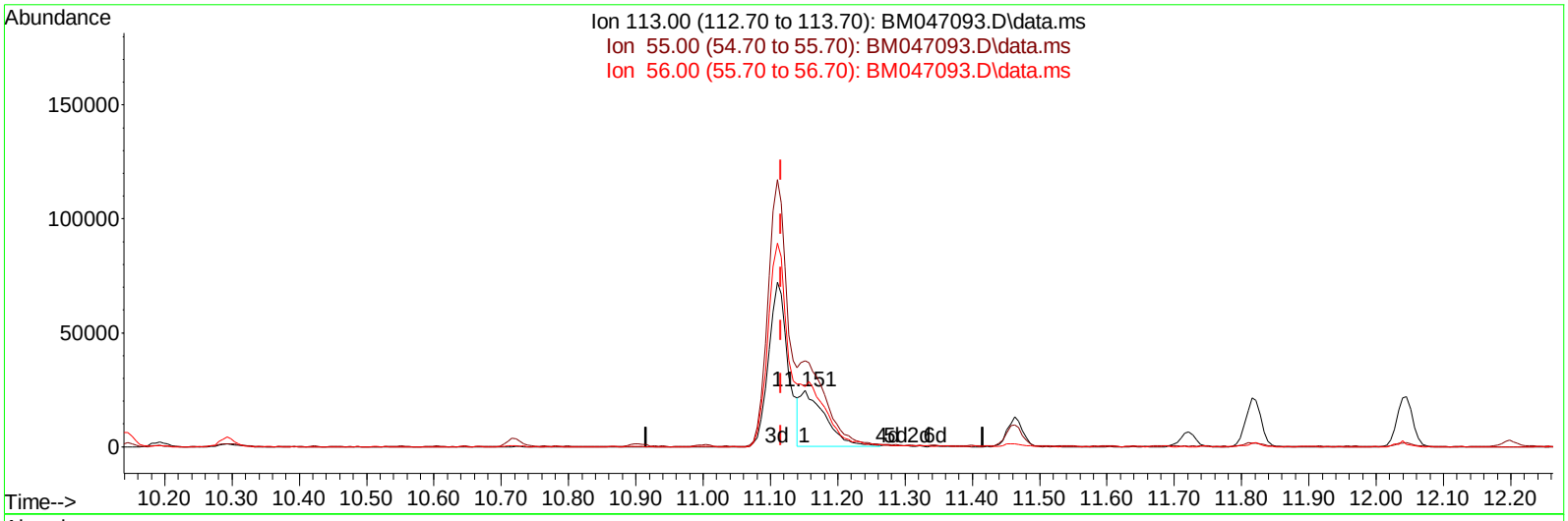
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047093.D
Acq On : 08 Aug 2024 19:27
Operator : RC/JU
Sample : P3435-07MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

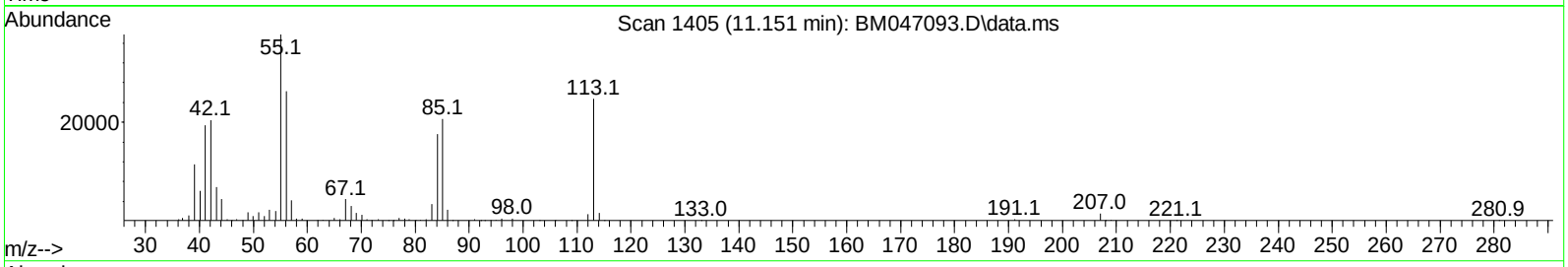
Quant Time: Aug 08 23:05:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 04:48:25 2024
Response via : Initial Calibration

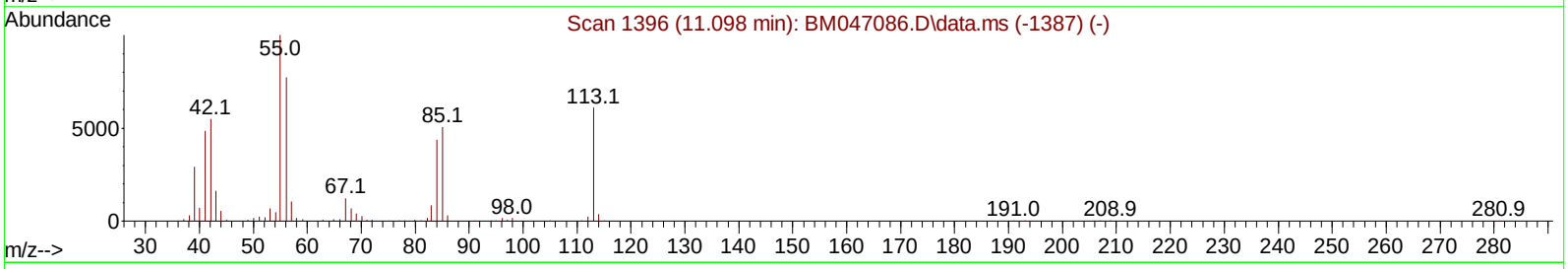
Instrument :
BNA_M
ClientSampleId :
E05W8MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/12/2024







TIC: BM047093.D\data.ms

(34) Caprolactam

11.151min (+ 0.035) 14.07 ng/ul

response 63667

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	152.87
56.00	118.20	106.55
0.00	0.00	0.00

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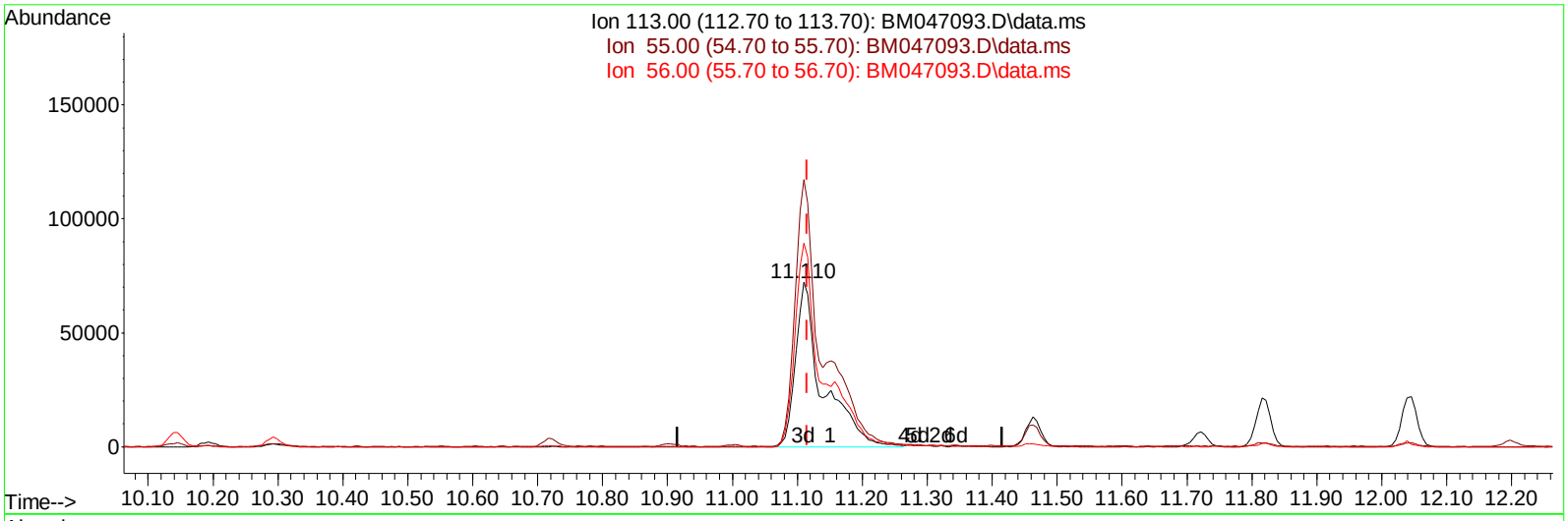

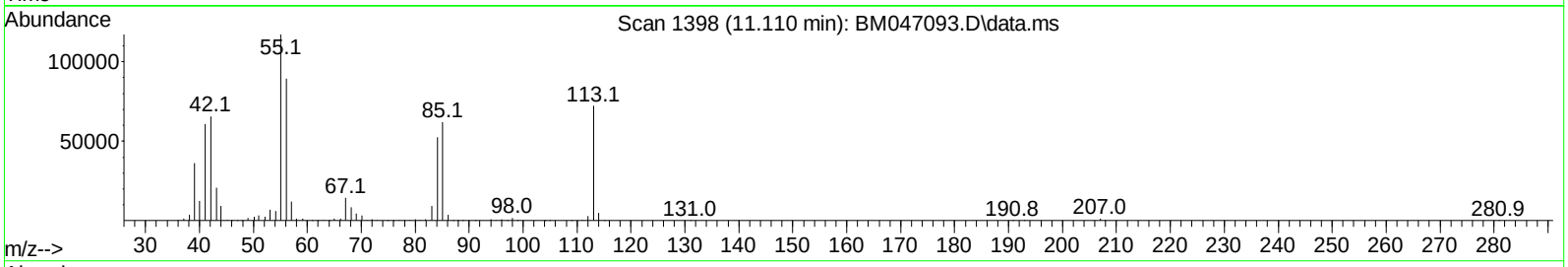

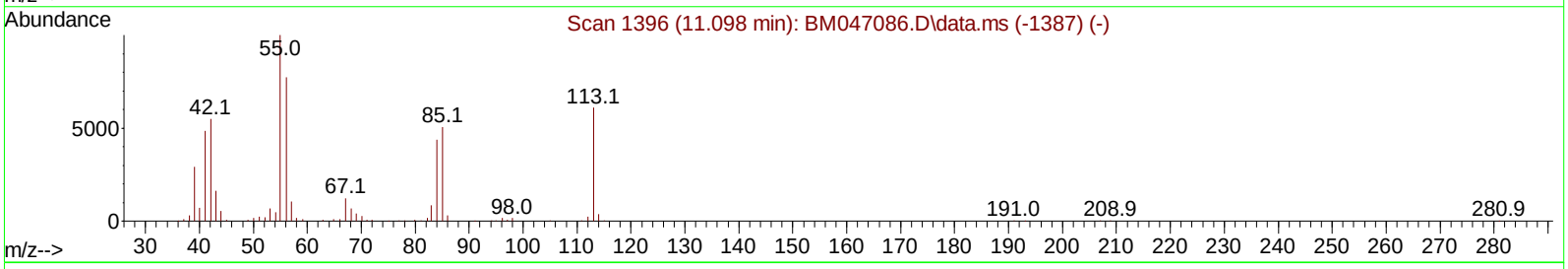

TIC: BM047093.D\data.ms

(34) Caprolactam

11.110min (-0.006) 46.15 ng/ul m

response 208889

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	162.26#
56.00	118.20	123.72
0.00	0.00	0.00

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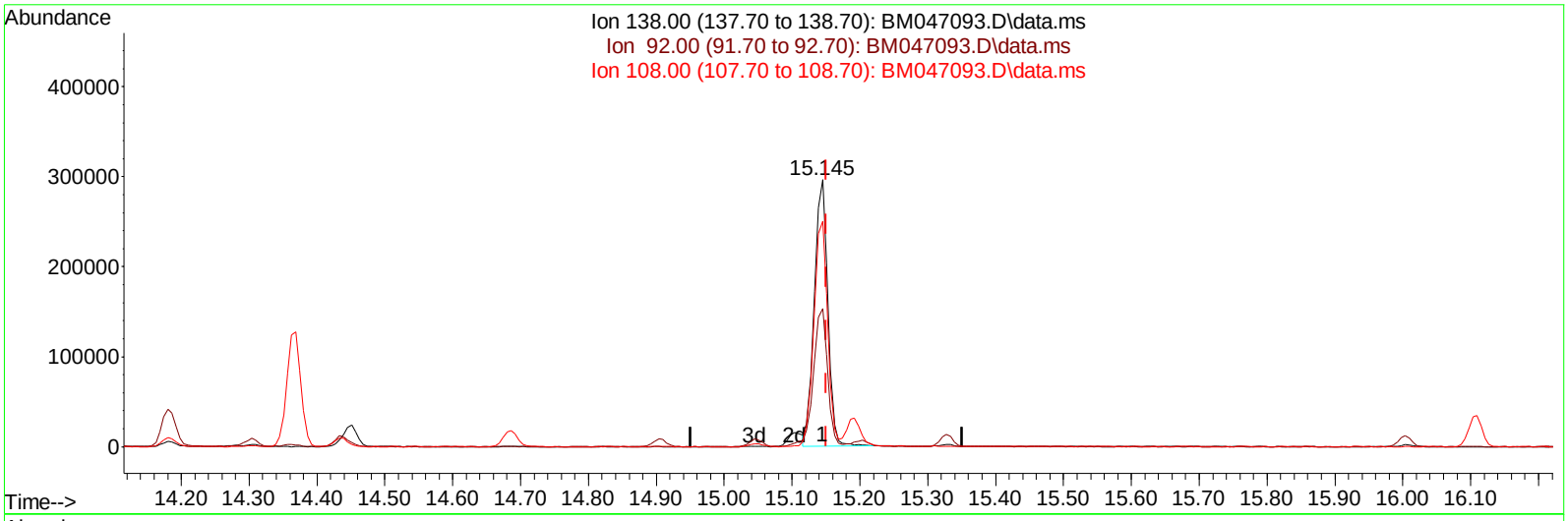

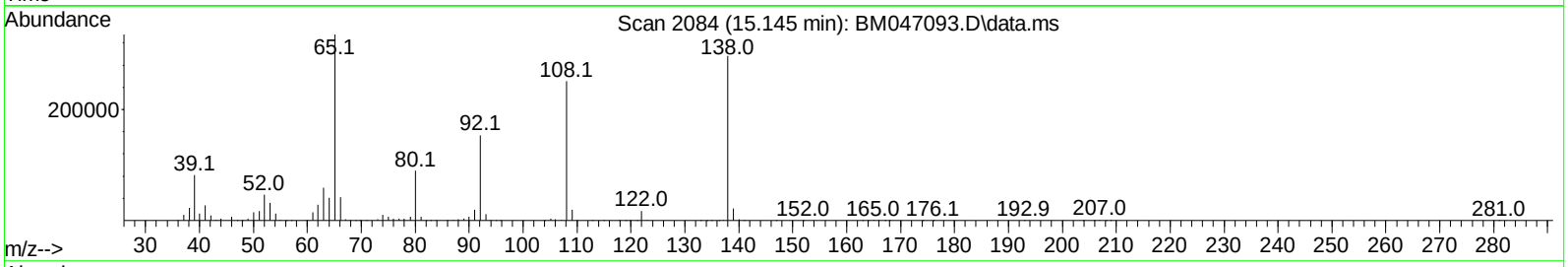

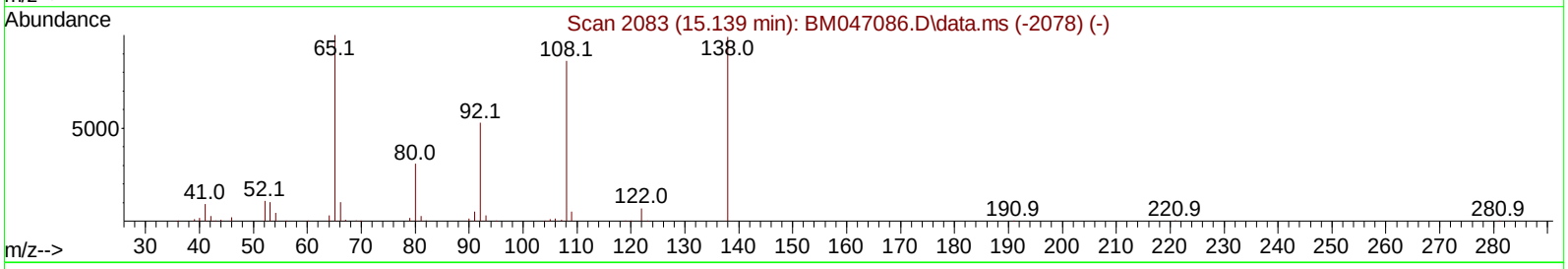

TIC: BM047093.D\data.ms

(63) 4-Nitroaniline

15.145min (-0.006) 46.80 ng/ul

response 411314

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	51.82
108.00	109.10	84.55#
0.00	0.00	0.00

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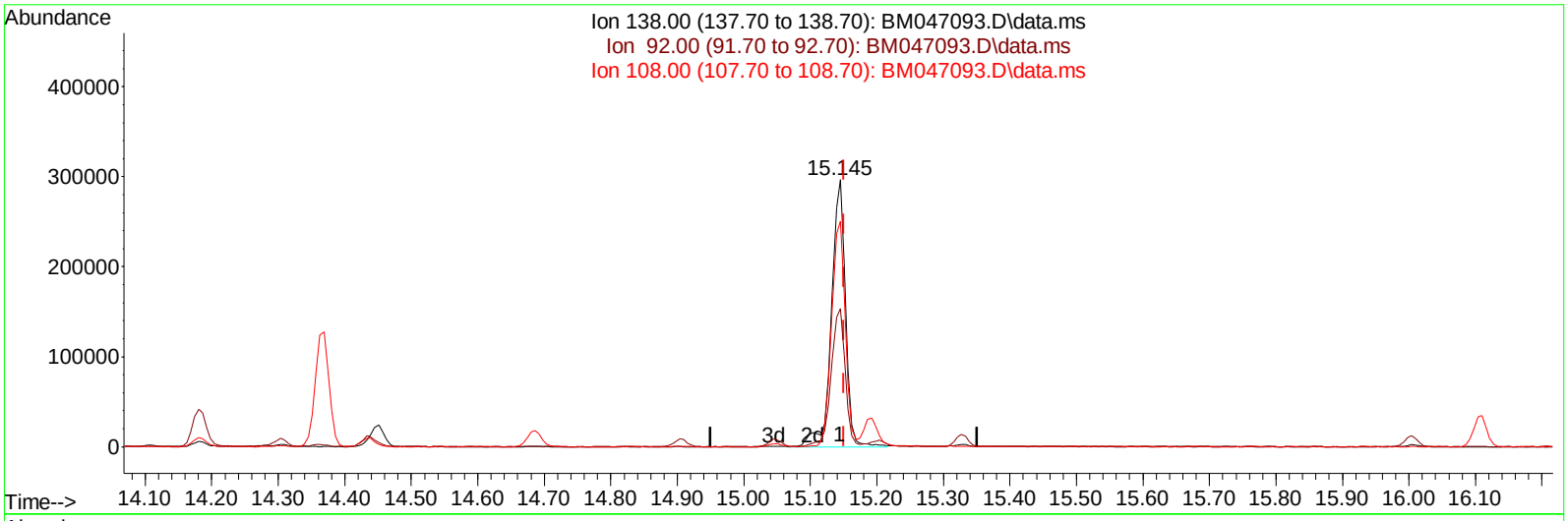

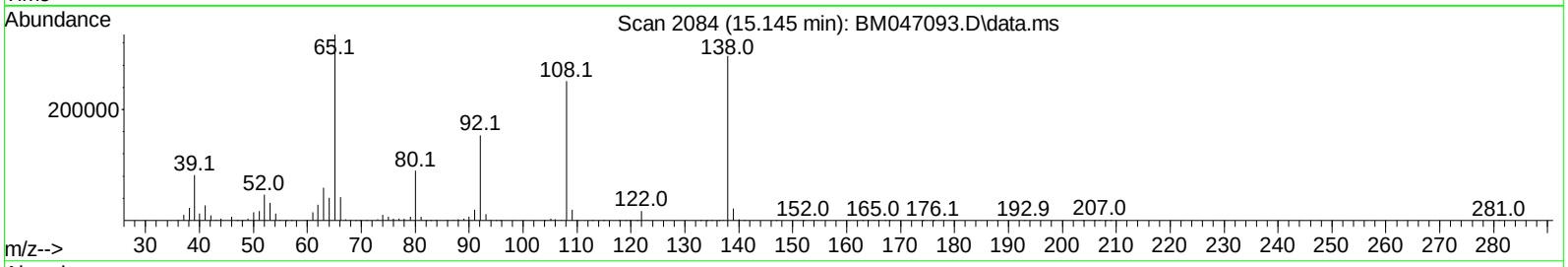

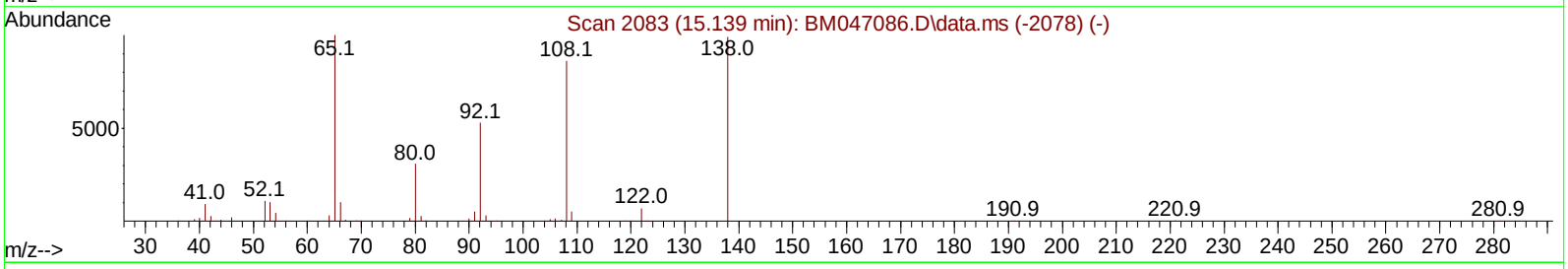

TIC: BM047093.D\data.ms

(63) 4-Nitroaniline

15.145min (-0.006) 49.98 ng/ul m

response 439292

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	51.82
108.00	109.10	84.55#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.387	152	219210	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.145	136	890760	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.045	164	585527	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.804	188	1254075	20.000	ng/ul	-0.01
79) Chrysene-d12	21.039	240	1038350	20.000	ng/ul	-0.01
88) Perylene-d12	23.738	264	1201429	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	26904	4.862	ng/uL	0.00
4) Pyridine-d5	3.405	84	393607	26.079	ng/ul	0.00
7) Phenol-d5	6.593	99	566085	33.995	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.745	67	334123	30.495	ng/ul	-0.01
11) 2-Chlorophenol-d4	6.934	132	429088	30.419	ng/ul	0.00
15) 4-Methylphenol-d8	8.110	113	462089	35.029	ng/ul	-0.01
21) Nitrobenzene-d5	8.534	128	207041	28.966	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.245	143	232270	29.756	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.781	165	485756	32.412	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.292	131	596452	30.282	ng/ul	-0.01
46) Dimethylphthalate-d6	13.474	166	1433334	32.015	ng/ul	0.00
49) Acenaphthylene-d8	13.727	160	1612781	32.273	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.286	143	224899	25.981	ng/ul	-0.01
60) Fluorene-d10	15.045	176	1227390	32.048	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.192	200	179145	22.610	ng/ul	0.00
73) Anthracene-d10	16.904	188	1951029	32.817	ng/ul	0.00
81) Pyrene-d10	19.215	212	2213404	37.238	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.556	264	2271253	35.901	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.046	88	86005	13.969	ng/uL	99
5) Pyridine	3.422	79	591705	39.600	ng/ul	93
6) Benzaldehyde	6.551	77	435407	45.522	ng/ul	98
8) Phenol	6.622	94	759209	45.272	ng/ul	91
10) Bis(2-Chloroethyl)ether	6.840	93	606157	42.407	ng/ul	98
12) 2-Chlorophenol	6.963	128	603028	42.197	ng/ul	98
13) 2-Methylphenol	7.845	108	567859	44.451	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	7.910	45	812378	47.428	ng/ul	97
16) Acetophenone	8.204	105	875262	42.155	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.198	70	461454	42.145	ng/ul	99
18) 4-Methylphenol	8.175	108	626796	45.411	ng/ul	100
19) Hexachloroethane	8.440	117	259337	37.254	ng/ul	93
22) Nitrobenzene	8.575	77	747812	39.159	ng/ul	95
23) Isophorone	9.104	82	1355256	41.475	ng/ul	99
25) 2-Nitrophenol	9.275	139	362681	42.473	ng/ul#	91
26) 2,4-Dimethylphenol	9.357	107	614462	36.507	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.586	93	837367	41.570	ng/ul	100
29) 2,4-Dichlorophenol	9.810	162	615845	41.201	ng/ul	99
30) Naphthalene	10.192	128	1859898	39.436	ng/ul	99
32) 4-Chloroaniline	10.316	127	704331	36.823	ng/ul	98
33) Hexachlorobutadiene	10.481	225	366496	33.986	ng/ul	98
34) Caprolactam	11.110	113	208889m	46.149	ng/ul	
35) 4-Chloro-3-methylphenol	11.463	107	650688	42.217	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.816	142	1327035	40.297	ng/ul	100
37) 1-Methylnaphthalene	12.045	142	1327127	39.810	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.198	216	718372	39.120	ng/ul	99
40) Hexachlorocyclopentadiene	12.175	237	305469	25.253	ng/ul	97
41) 2,4,6-Trichlorophenol	12.457	196	507339	42.210	ng/ul	98
42) 2,4,5-Trichlorophenol	12.533	196	554464	42.725	ng/ul	98
43) 1,1'-Biphenyl	12.863	154	1748398	39.913	ng/ul	97
44) 2-Chloronaphthalene	12.898	162	1400612	40.263	ng/ul	99
45) 2-Nitroaniline	13.122	65	479337	45.344	ng/ul	99
47) Dimethylphthalate	13.522	163	1806517	40.213	ng/ul	100
48) 2,6-Dinitrotoluene	13.639	165	396857	45.443	ng/ul#	85
50) Acenaphthylene	13.757	152	2207435	41.825	ng/ul	99
51) 3-Nitroaniline	13.969	138	421074	47.344	ng/ul	96
52) Acenaphthene	14.110	153	1520879	39.971	ng/ul	99
53) 2,4-Dinitrophenol	14.180	184	233581	37.907	ng/ul	93
55) 4-Nitrophenol	14.304	109	318237	36.324	ng/ul#	83
56) Dibenzofuran	14.451	168	2092503	39.185	ng/ul	95
57) 2,4-Dinitrotoluene	14.439	165	576158	43.172	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.686	232	465306	40.333	ng/ul#	94
59) Diethylphthalate	14.904	149	1864180	38.574	ng/ul	99
61) Fluorene	15.104	166	1748598	39.700	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.110	204	814945	37.584	ng/ul	95
63) 4-Nitroaniline	15.145	138	439292m	49.980	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.204	198	337231	38.898	ng/ul	93
67) N-Nitrosodiphenylamine	15.327	169	1512768	40.697	ng/ul	98
68) 4-Bromophenyl-phenylether	16.004	248	542027	39.932	ng/ul	95
69) Hexachlorobenzene	16.110	284	644553	40.326	ng/ul	98
70) Atrazine	16.298	200	488128	33.470	ng/ul	99
71) Pentachlorophenol	16.463	266	423989	39.181	ng/ul	97
72) Phenanthrene	16.845	178	2878858	40.952	ng/ul	100
74) Anthracene	16.939	178	2852153	40.231	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.822	216	708924	39.290	ng/uL	97
76) Pentachlorobenzene	14.369	250	698395	37.393	ng/uL	99
77) Carbazole	17.215	167	2746663	41.791	ng/ul	99
78) Di-n-butylphthalate	17.804	149	3359885	40.202	ng/ul	98
80) Fluoranthene	18.880	202	3322245	46.768	ng/ul	99
82) Pyrene	19.245	202	3474821	45.907	ng/ul	97
83) Butylbenzylphthalate	20.180	149	1577574	47.685	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.962	252	1012631	39.781	ng/ul	100
85) Benzo(a)anthracene	21.021	228	3296381	43.468	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.980	149	2188566	45.315	ng/ul	99
87) Chrysene	21.080	228	3053313	42.215	ng/ul	100
89) Di-n-octyl phthalate	22.015	149	3855591	45.490	ng/ul	100
90) Benzo(b)fluoranthene	22.897	252	3288969	44.256	ng/ul	99
91) Benzo(k)fluoranthene	22.950	252	3270001	44.526	ng/ul	98
93) Benzo(a)pyrene	23.615	252	2953188	42.654	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.744	276	3850779	43.410	ng/ul	99
95) Dibenzo(a,h)anthracene	26.797	278	3058215	42.921	ng/ul	99
96) Benzo(g,h,i)perylene	27.674	276	3047371	43.480	ng/ul	96

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

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