Quantitation Report (Qedit)

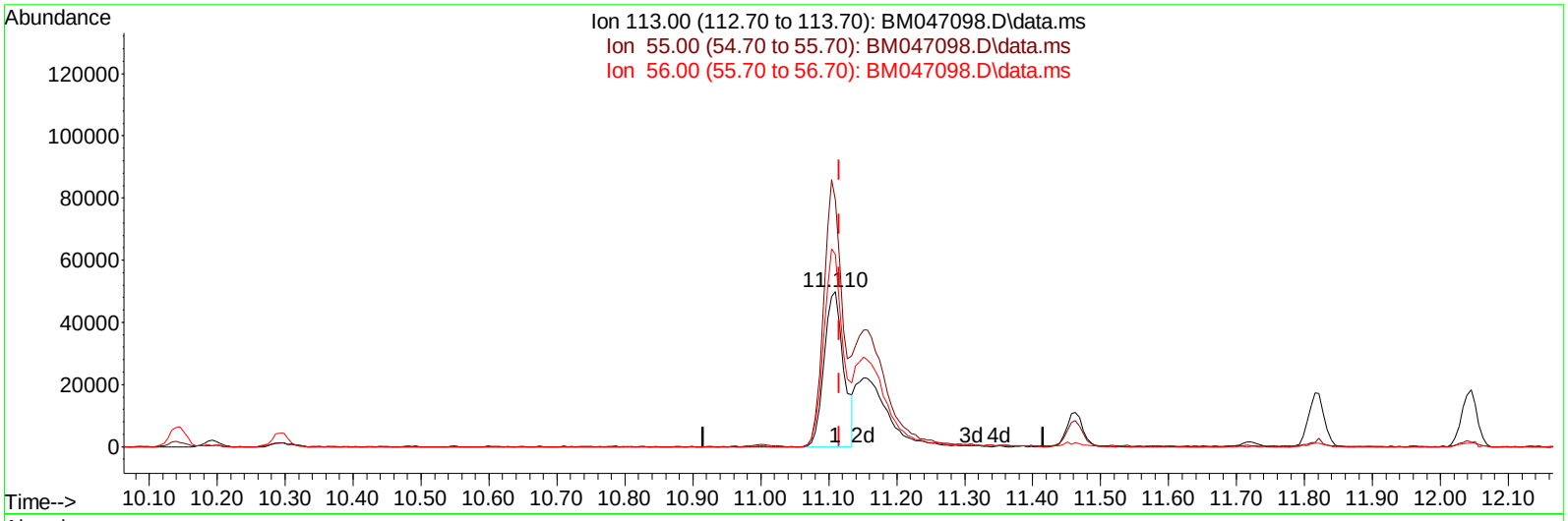
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047098.D
Acq On : 08 Aug 2024 22:49
Operator : RC/JU
Sample : PB162538BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

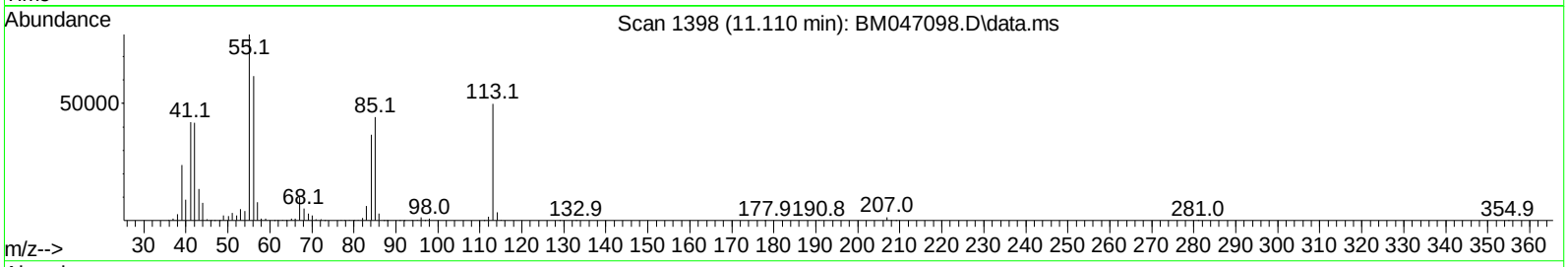
Quant Time: Aug 08 23:25:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 04:48:25 2024
Response via : Initial Calibration

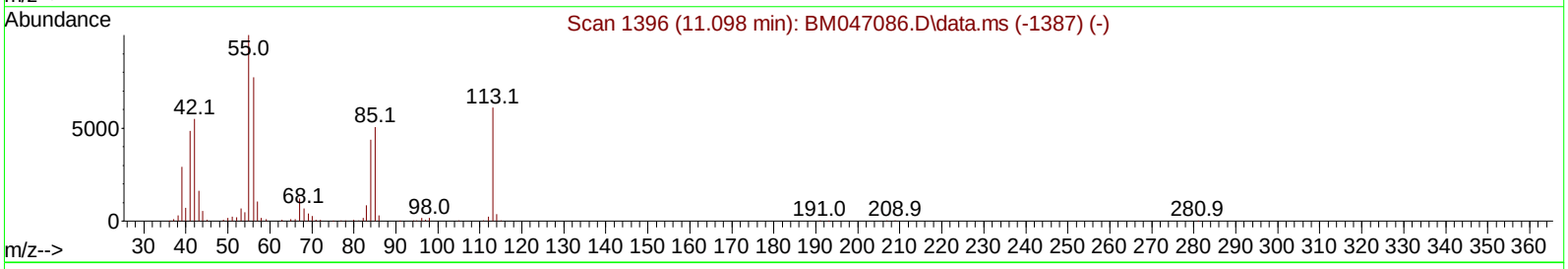
Instrument :
BNA_M
ClientSampleId :
SLCS538

Manual IntegrationsAPPROVED

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







TIC: BM047098.D\data.ms

(34) Caprolactam

11.110min (-0.006) 20.16 ng/ul

response 99163

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	159.05
56.00	118.20	123.79
0.00	0.00	0.00

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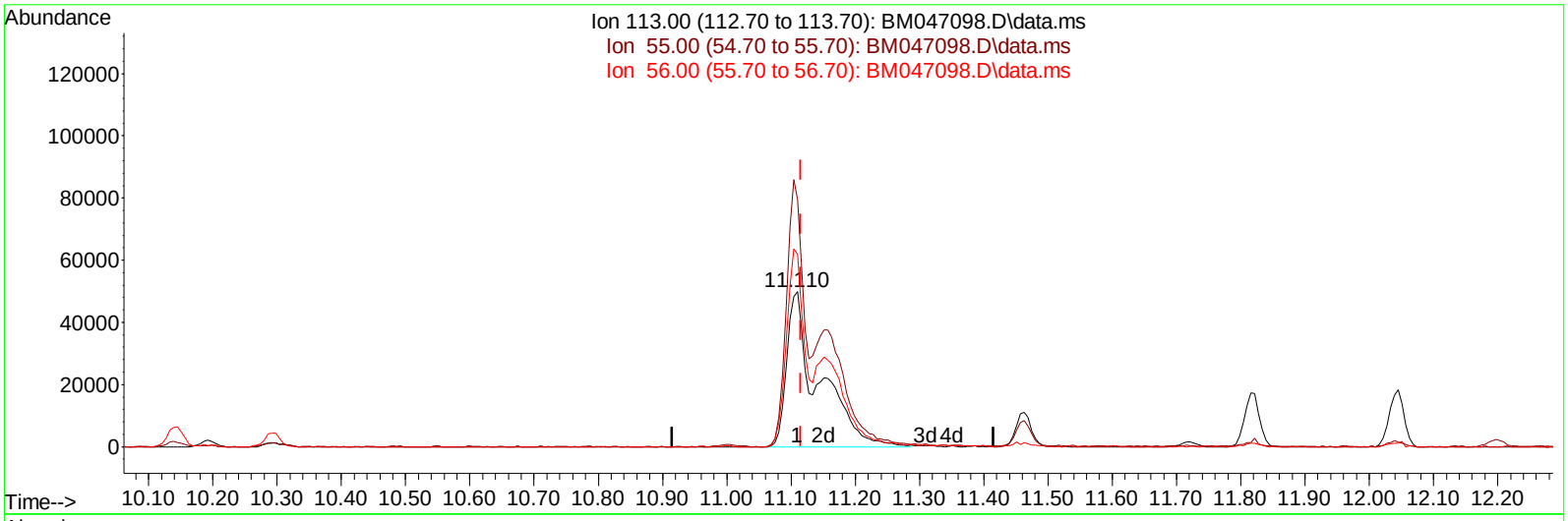

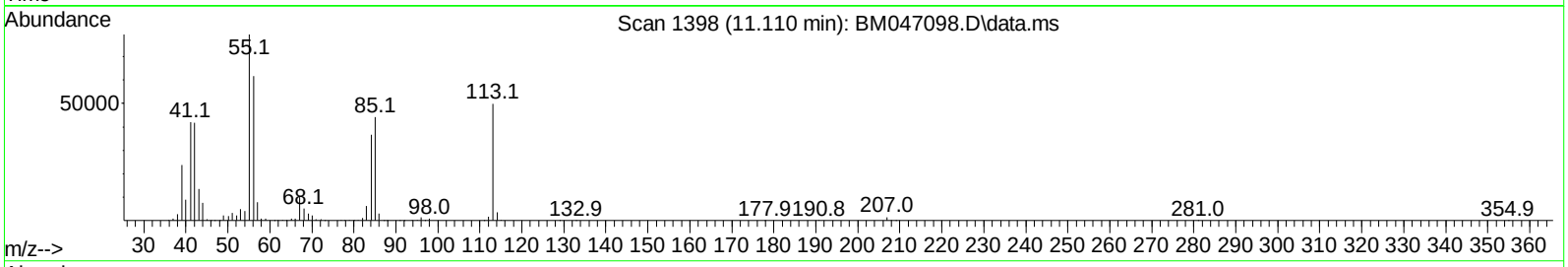

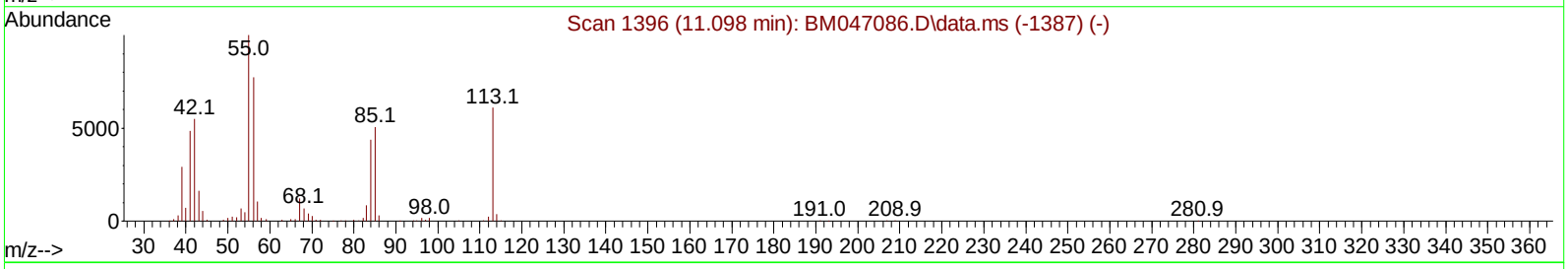

TIC: BM047098.D\data.ms

(34) Caprolactam

11.110min (-0.006) 34.96 ng/ul m

response 171961

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	159.05
56.00	118.20	123.79
0.00	0.00	0.00

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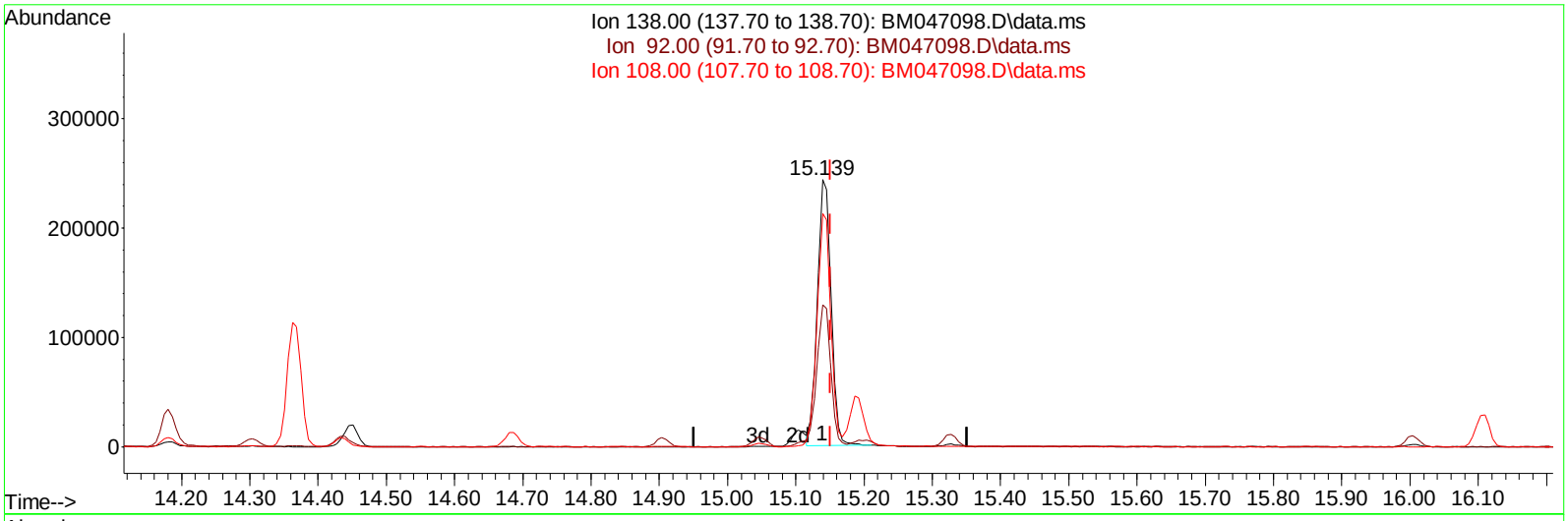

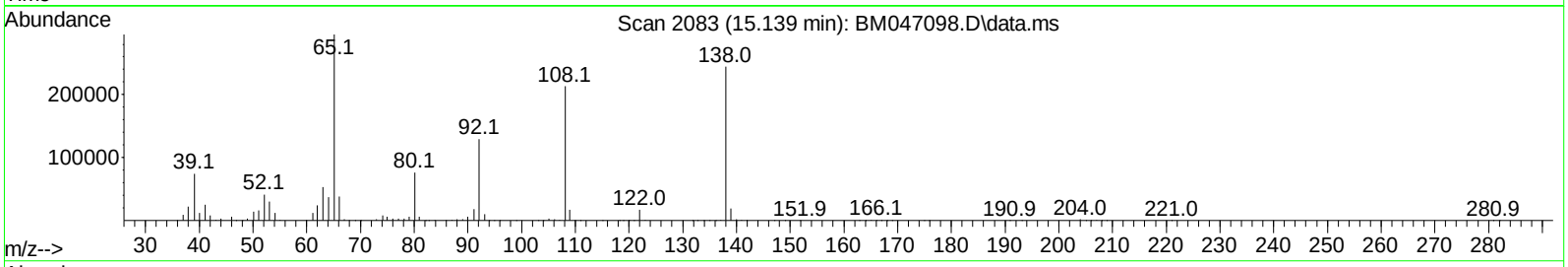

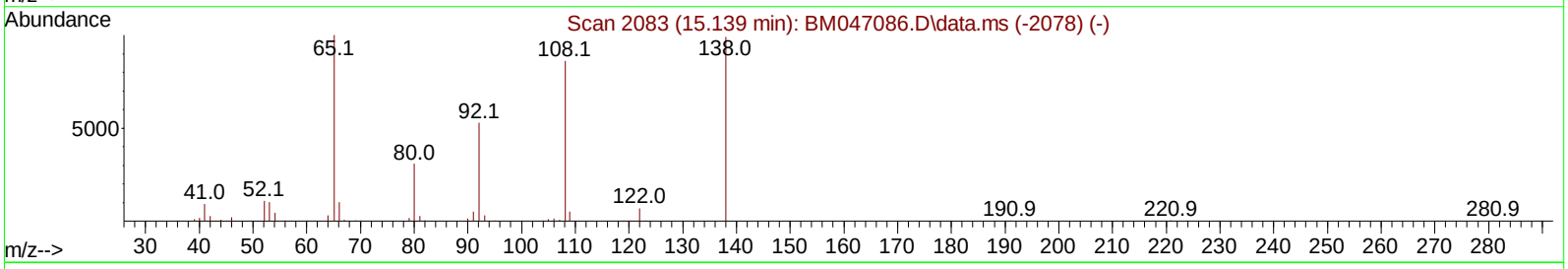

TIC: BM047098.D\data.ms

(63) 4-Nitroaniline

15.139min (-0.012) 35.73 ng/ul

response 342099

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	53.09
108.00	109.10	87.39
0.00	0.00	0.00

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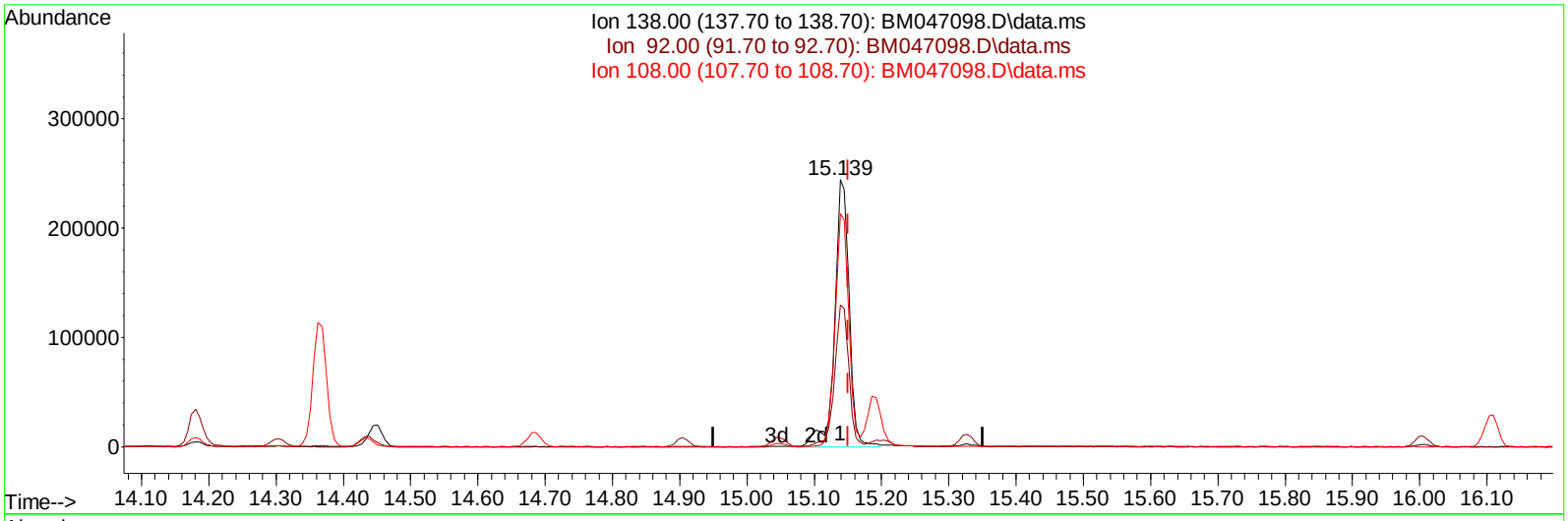

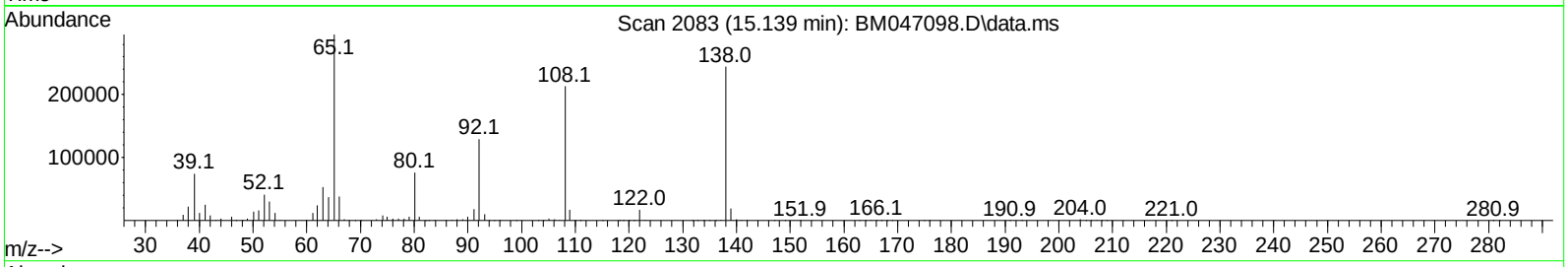

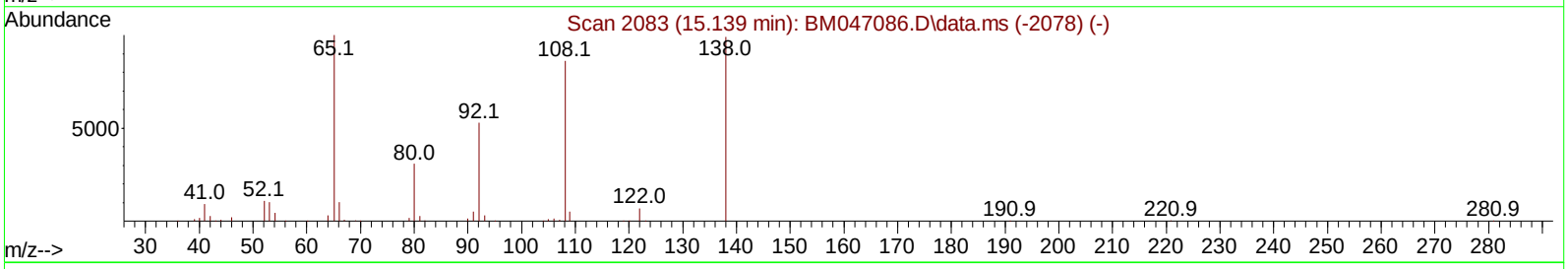

TIC: BM047098.D\data.ms

(63) 4-Nitroaniline

15.139min (-0.012) 38.46 ng/ul m

response 368187

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	53.09
108.00	109.10	87.39
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	239356	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.145	136	967877	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.045	164	637759	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.804	188	1339029	20.000	ng/ul	-0.01
79) Chrysene-d12	21.039	240	1141318	20.000	ng/ul	-0.01
88) Perylene-d12	23.738	264	1369054	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	42276	6.997	ng/uL	0.00
4) Pyridine-d5	3.404	84	513303	31.148	ng/ul	0.00
7) Phenol-d5	6.592	99	632839	34.805	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.745	67	408005	34.103	ng/ul	-0.01
11) 2-Chlorophenol-d4	6.934	132	500007	32.463	ng/ul	0.00
15) 4-Methylphenol-d8	8.110	113	487214	33.825	ng/ul	-0.01
21) Nitrobenzene-d5	8.534	128	250497	32.253	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.245	143	278899	32.883	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.780	165	513037	31.505	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.292	131	635878	29.712	ng/ul	-0.01
46) Dimethylphthalate-d6	13.474	166	1491846	30.593	ng/ul	0.00
49) Acenaphthylene-d8	13.727	160	1734420	31.864	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.286	143	307169	32.579	ng/ul	-0.01
60) Fluorene-d10	15.051	176	1307428	31.342	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.192	200	264290	31.240	ng/ul	0.00
73) Anthracene-d10	16.904	188	2006473	31.609	ng/ul	0.00
81) Pyrene-d10	19.215	212	2292653	35.091	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.556	264	2400257	33.295	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.046	88	73558	10.942	ng/uL	99
5) Pyridine	3.422	79	521803	31.983	ng/ul	96
6) Benzaldehyde	6.551	77	342219	32.768	ng/ul	98
8) Phenol	6.622	94	648783	35.431	ng/ul	92
10) Bis(2-Chloroethyl)ether	6.834	93	540264	34.615	ng/ul	96
12) 2-Chlorophenol	6.963	128	523486	33.548	ng/ul	98
13) 2-Methylphenol	7.845	108	482076	34.560	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	7.916	45	725482	38.790	ng/ul	99
16) Acetophenone	8.204	105	739909	32.637	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.198	70	394585	33.005	ng/ul	97
18) 4-Methylphenol	8.175	108	521940	34.631	ng/ul	99
19) Hexachloroethane	8.439	117	238484	31.375	ng/ul	96
22) Nitrobenzene	8.575	77	649168	31.285	ng/ul	94
23) Isophorone	9.104	82	1157387	32.598	ng/ul	99
25) 2-Nitrophenol	9.275	139	309090	33.313	ng/ul	95
26) 2,4-Dimethylphenol	9.357	107	462234	25.275	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.586	93	726673	33.200	ng/ul	100
29) 2,4-Dichlorophenol	9.810	162	505753	31.140	ng/ul	98
30) Naphthalene	10.192	128	1595728	31.139	ng/ul	99
32) 4-Chloroaniline	10.316	127	592025	28.486	ng/ul	98
33) Hexachlorobutadiene	10.480	225	311422	26.578	ng/ul	97
34) Caprolactam	11.110	113	171961m	34.963	ng/ul	
35) 4-Chloro-3-methylphenol	11.463	107	543579	32.458	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	11.816	142	1116647	31.207 ng/ul	99
37) 1-Methylnaphthalene	12.045	142	1123212	31.008 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.198	216	582536	29.125 ng/ul	99
40) Hexachlorocyclopentadiene	12.174	237	256882	19.497 ng/ul	97
41) 2,4,6-Trichlorophenol	12.457	196	369810	28.248 ng/ul	97
42) 2,4,5-Trichlorophenol	12.533	196	415768	29.414 ng/ul	99
43) 1,1'-Biphenyl	12.863	154	1460863	30.618 ng/ul	97
44) 2-Chloronaphthalene	12.898	162	1182137	31.199 ng/ul	99
45) 2-Nitroaniline	13.121	65	402392	34.948 ng/ul	100
47) Dimethylphthalate	13.521	163	1524391	31.153 ng/ul	100
48) 2,6-Dinitrotoluene	13.639	165	327847	34.466 ng/ul	87
50) Acenaphthylene	13.757	152	1894453	32.955 ng/ul	99
51) 3-Nitroaniline	13.968	138	357224	36.875 ng/ul	94
52) Acenaphthene	14.110	153	1268374	30.605 ng/ul	99
53) 2,4-Dinitrophenol	14.180	184	184400	27.474 ng/ul	94
55) 4-Nitrophenol	14.304	109	266771	27.956 ng/ul	84
56) Dibenzofuran	14.451	168	1780907	30.618 ng/ul	95
57) 2,4-Dinitrotoluene	14.433	165	482989	33.226 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.686	232	309314	24.616 ng/ul#	97
59) Diethylphthalate	14.904	149	1601421	30.423 ng/ul	98
61) Fluorene	15.104	166	1478732	30.823 ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.110	204	686540	29.069 ng/ul	96
63) 4-Nitroaniline	15.139	138	368187m	38.459 ng/ul	
66) 4,6-Dinitro-2-methylph...	15.204	198	284463	30.730 ng/ul	95
67) N-Nitrosodiphenylamine	15.327	169	1285992	32.401 ng/ul	99
68) 4-Bromophenyl-phenylether	16.004	248	449673	31.026 ng/ul	94
69) Hexachlorobenzene	16.109	284	544415	31.900 ng/ul	100
70) Atrazine	16.298	200	47740	3.066 ng/ul	96
71) Pentachlorophenol	16.462	266	266027	23.024 ng/ul	99
72) Phenanthrene	16.845	178	2426807	32.331 ng/ul	100
74) Anthracene	16.933	178	2396666	31.661 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.821	216	589254	30.585 ng/uL	97
76) Pentachlorobenzene	14.368	250	582611	29.215 ng/uL	100
77) Carbazole	17.215	167	2314858	32.987 ng/ul	99
78) Di-n-butylphthalate	17.803	149	2886784	32.350 ng/ul	98
80) Fluoranthene	18.874	202	2824074	36.169 ng/ul	97
82) Pyrene	19.245	202	2908460	34.958 ng/ul	96
83) Butylbenzylphthalate	20.180	149	1323396	36.393 ng/ul	96
84) 3,3'-Dichlorobenzidine	20.962	252	955972	34.167 ng/ul	100
85) Benzo(a)anthracene	21.021	228	2848669	34.175 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.980	149	1887032	35.546 ng/ul	100
87) Chrysene	21.080	228	2658410	33.439 ng/ul	100
89) Di-n-octyl phthalate	22.021	149	3323481	34.411 ng/ul	100
90) Benzo(b)fluoranthene	22.897	252	2919477	34.475 ng/ul	99
91) Benzo(k)fluoranthene	22.950	252	2921237	34.907 ng/ul	98
93) Benzo(a)pyrene	23.615	252	2622593	33.241 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.738	276	3396706	33.603 ng/ul	98
95) Dibenzo(a,h)anthracene	26.791	278	2759935	33.992 ng/ul	99
96) Benzo(g,h,i)perylene	27.673	276	2729175	34.172 ng/ul	96

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

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