Quantitation Report (Qedit)

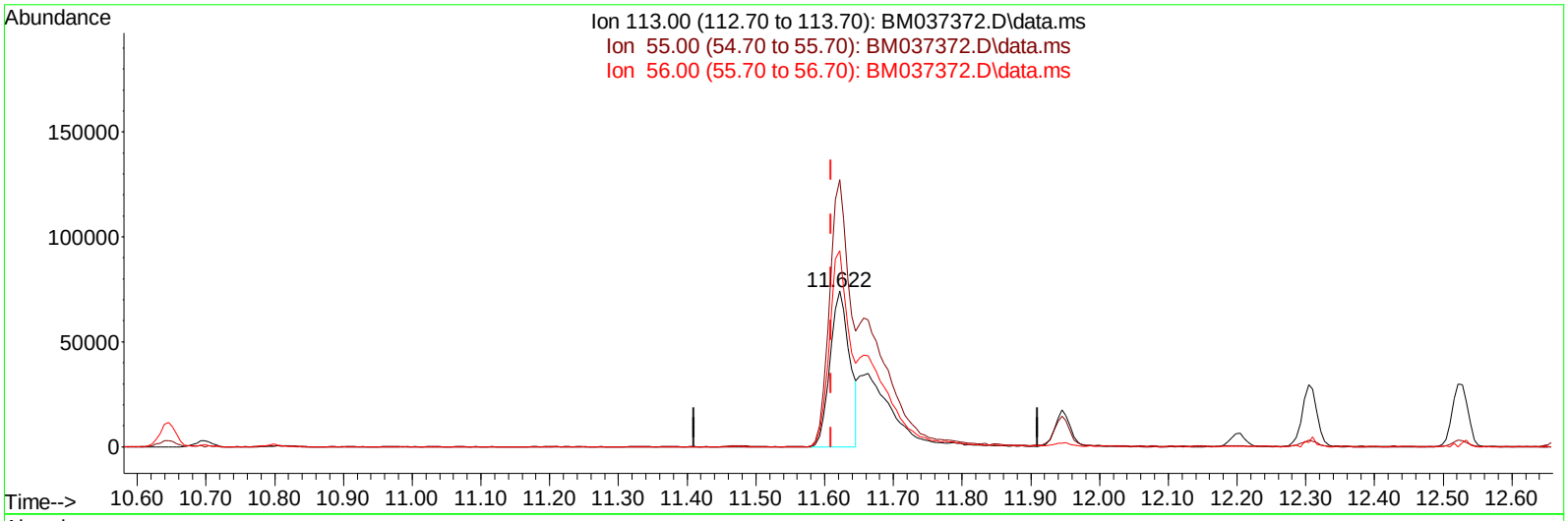
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110322\
Data File : BM037372.D
Acq On : 04 Nov 2022 06:50
Operator : CG/JU
Sample : PB148648BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

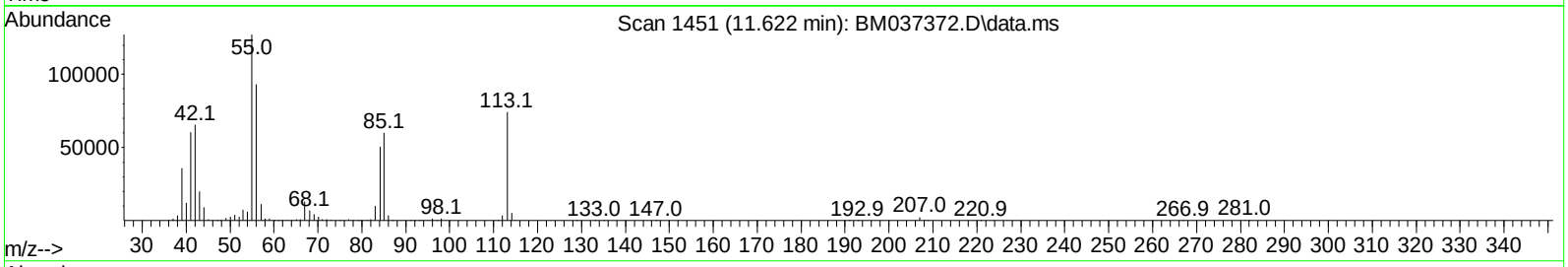
Quant Time: Nov 04 07:22:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 04 02:39:09 2022
Response via : Initial Calibration

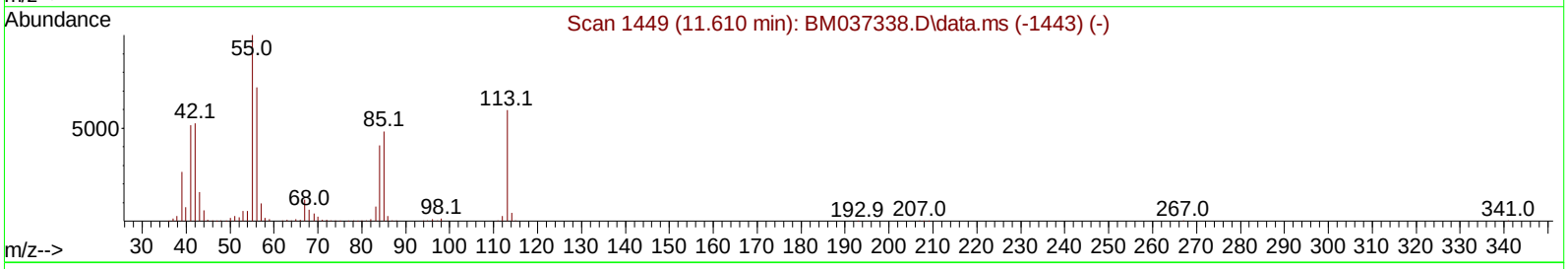
Instrument :
BNA_M
ClientSampleId :
SLCS648

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Jagrut Upadhyay 11/07/2022







TIC: BM037372.D\data.ms

(34) Caprolactam

11.622min (+ 0.012) 17.67 ng/ul

response 148041

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	172.10	171.58
56.00	121.30	125.86
0.00	0.00	0.00

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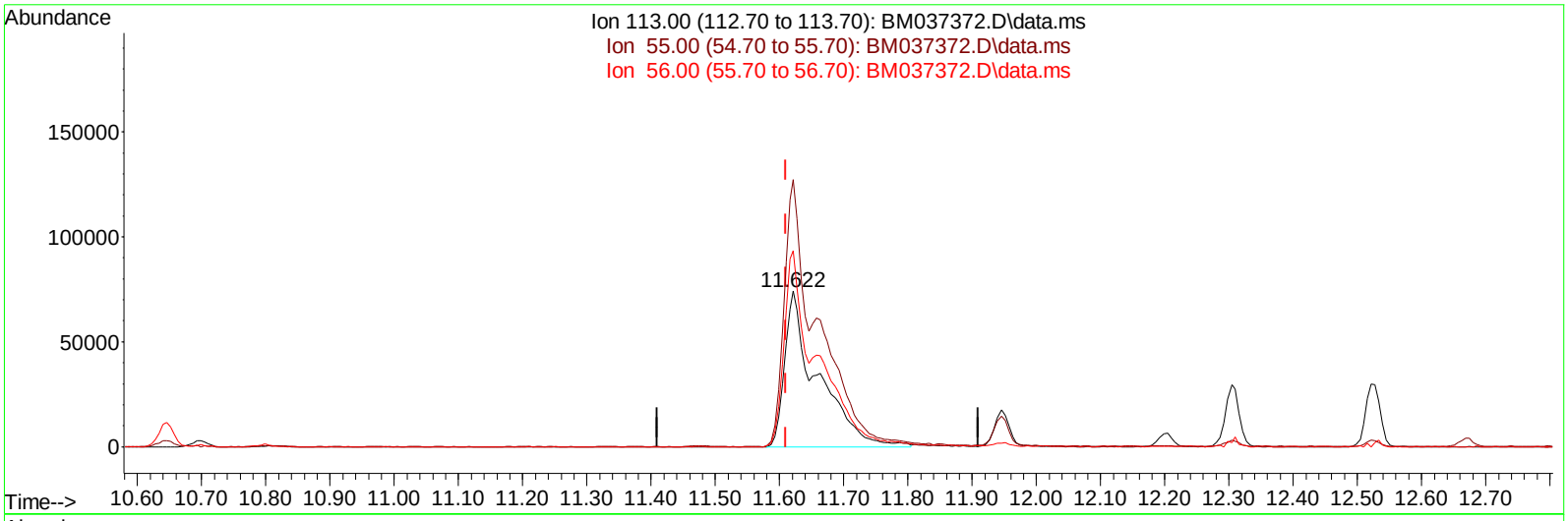

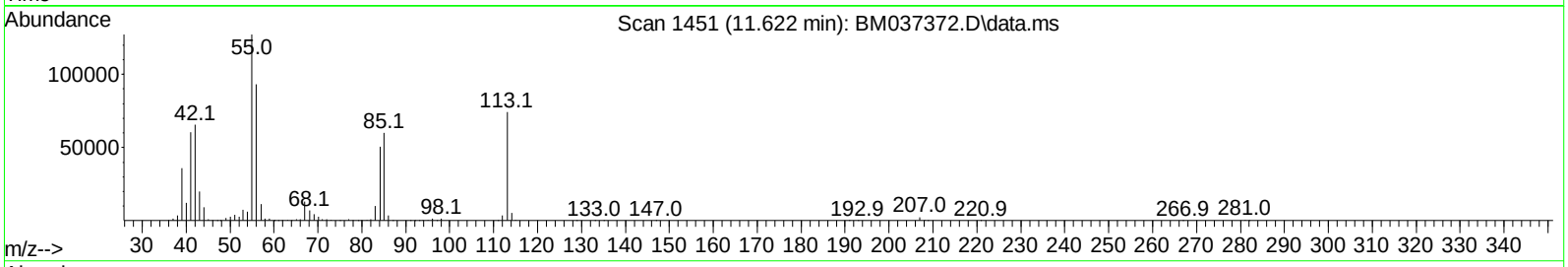

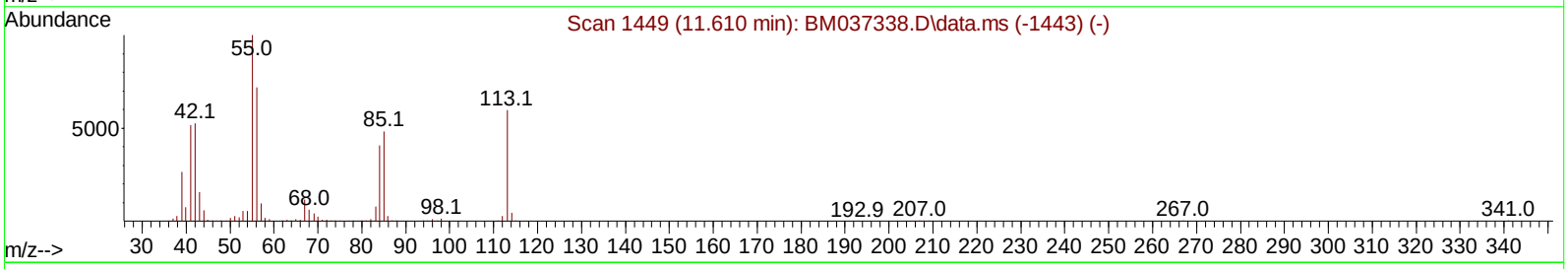

TIC: BM037372.D\data.ms

(34) Caprolactam

11.622min (+ 0.012) 31.48 ng/ul m

response 263775

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	172.10	171.58
56.00	121.30	125.86
0.00	0.00	0.00

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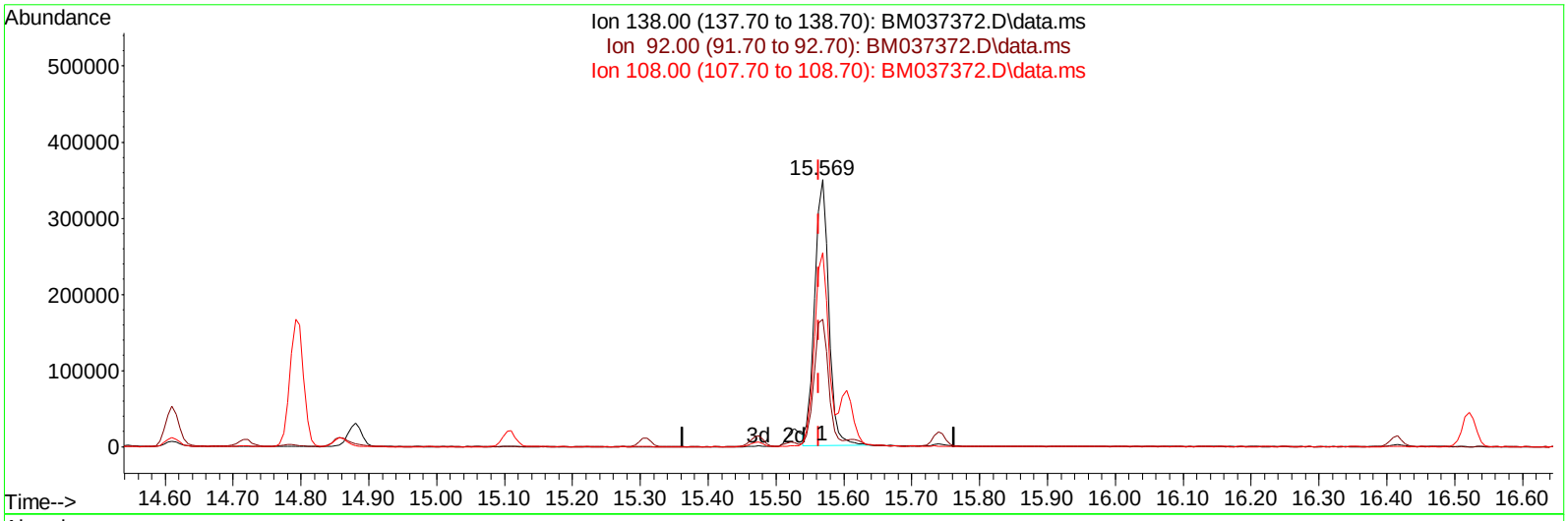

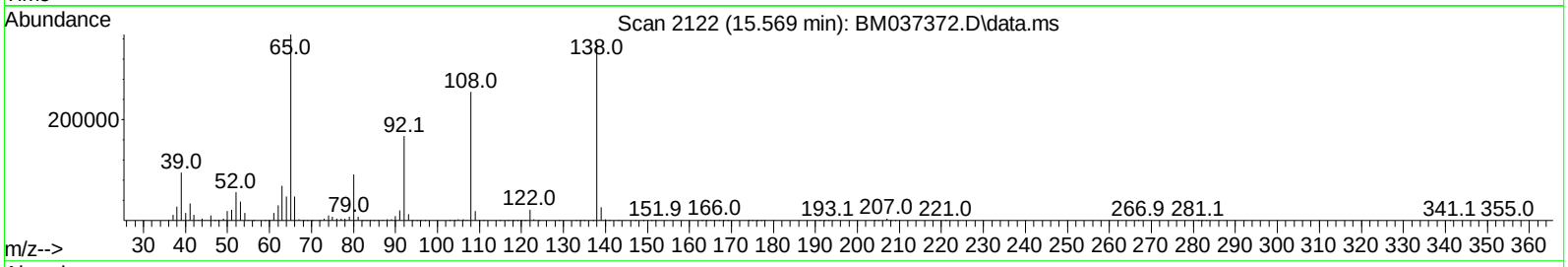

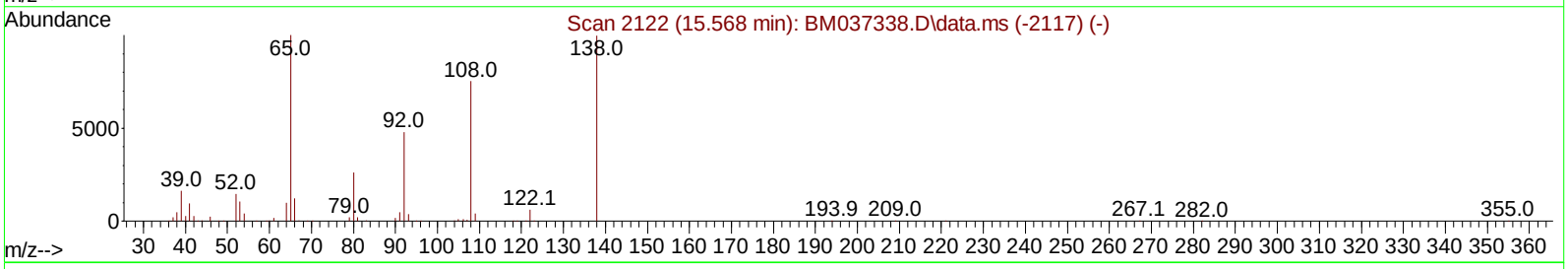

TIC: BM037372.D\data.ms

(63) 4-Nitroaniline

15.569min (+ 0.006) 34.46 ng/ul

response 510558

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.10	47.75
108.00	71.20	72.63
0.00	0.00	0.00

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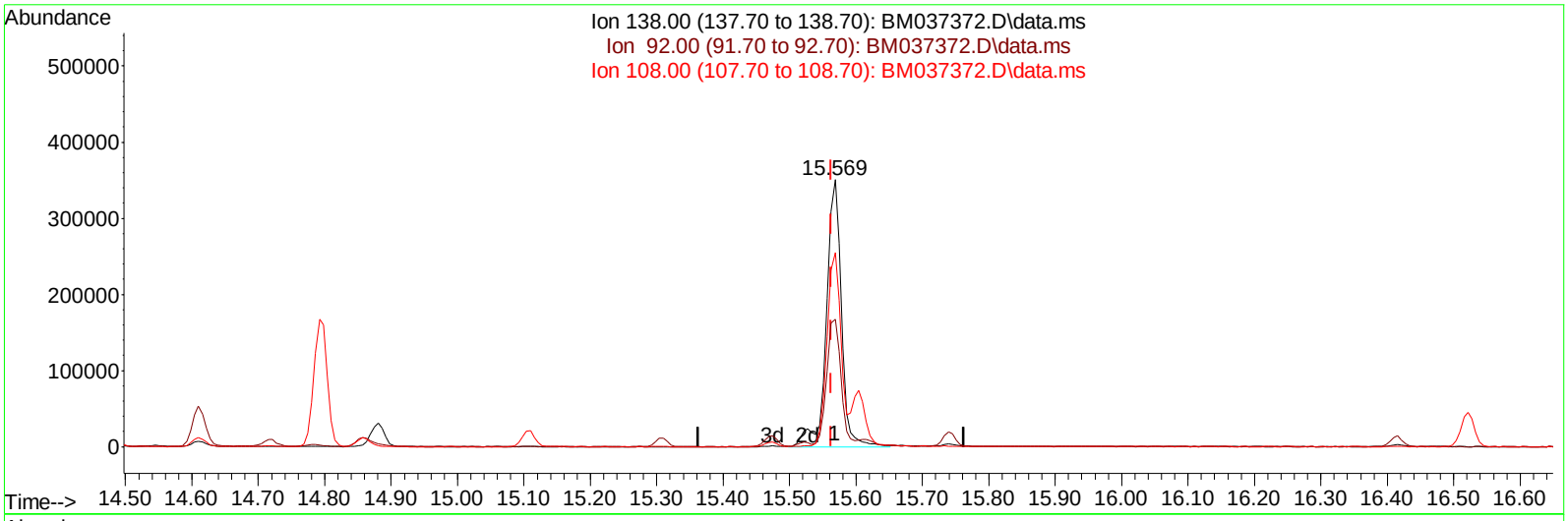

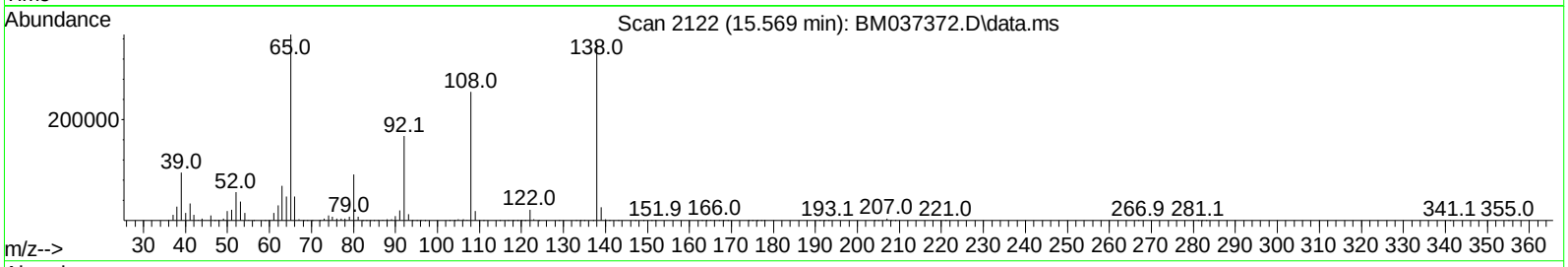

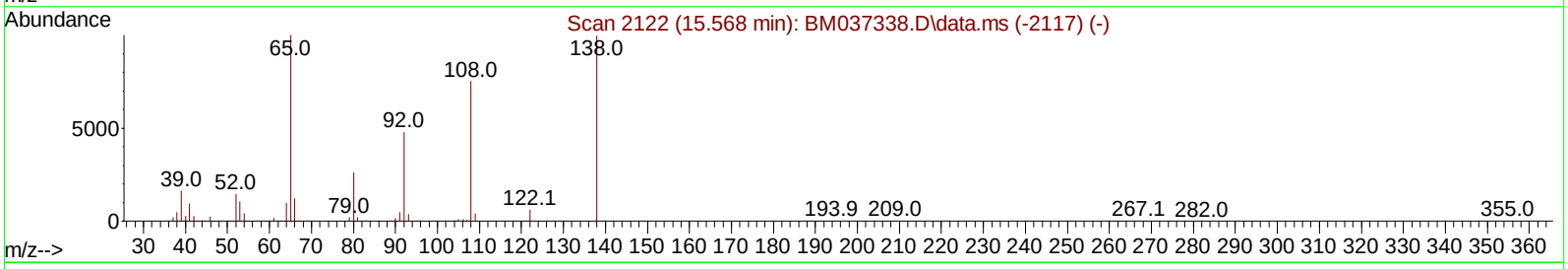

TIC: BM037372.D\data.ms

(63) 4-Nitroaniline

15.569min (+ 0.006) 37.38 ng/ul m

response 553820

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.10	47.75
108.00	71.20	72.63
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	7.846	152	369243	20.000	ng/ul	0.00
20) Naphthalene-d8	10.645	136	1649311	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.480	164	1024093	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.221	188	2058814	20.000	ng/ul	0.00
79) Chrysene-d12	21.398	240	1875112	20.000	ng/ul	0.00
88) Perylene-d12	23.739	264	1493351	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	54229	6.474	ng/uL	0.00
4) Pyridine-d5	3.693	84	159282	6.370	ng/ul	0.00
7) Phenol-d5	7.022	99	1103293	34.334	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	671364	34.047	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	894934	36.450	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	914888	34.865	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	451973	36.686	ng/ul	0.00
24) 2-Nitrophenol-d4	9.734	143	500173	37.270	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	916788	37.054	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	127432	3.370	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	2486677	35.119	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	3107855	36.508	ng/ul	0.00
54) 4-Nitrophenol-d4	14.704	143	483432	34.156	ng/ul	0.00
60) Fluorene-d10	15.474	176	2243925	35.537	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	432543	33.170	ng/ul	0.00
73) Anthracene-d10	17.321	188	3377723	35.623	ng/ul	0.00
81) Pyrene-d10	19.609	212	3723523	38.001	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.586	264	2822907	36.723	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	107004	12.159	ng/uL	99
5) Pyridine	3.710	79	725272	28.959	ng/ul	96
6) Benzaldehyde	6.993	77	537645	36.166	ng/ul	98
8) Phenol	7.046	94	1068824	31.613	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.275	93	851864	31.406	ng/ul	100
12) 2-Chlorophenol	7.410	128	901348	33.928	ng/ul	100
13) 2-Methylphenol	8.298	108	827058	32.063	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.381	45	1212705	31.479	ng/ul	99
16) Acetophenone	8.681	105	1349758	32.074	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.669	70	691796	33.095	ng/ul	99
18) 4-Methylphenol	8.634	108	928493	32.677	ng/ul	97
19) Hexachloroethane	8.916	117	360963	34.235	ng/ul	96
22) Nitrobenzene	9.057	77	1013083	34.069	ng/ul	99
23) Isophorone	9.587	82	1859497	32.422	ng/ul	100
25) 2-Nitrophenol	9.769	139	520628	33.942	ng/ul	99
26) 2,4-Dimethylphenol	9.828	107	915443	31.741	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.069	93	1182981	33.177	ng/ul	99
29) 2,4-Dichlorophenol	10.298	162	859179	33.744	ng/ul	99
30) Naphthalene	10.698	128	2899088	32.946	ng/ul	100
32) 4-Chloroaniline	10.816	127	776276	19.813	ng/ul	100
33) Hexachlorobutadiene	10.969	225	510981	32.587	ng/ul	99
34) Caprolactam	11.622	113	263775m	31.481	ng/ul	
35) 4-Chloro-3-methylphenol	11.945	107	882189	33.403	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.304	142	1970971	32.433	ng/ul	99
37) 1-Methylnaphthalene	12.528	142	1992220	32.580	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.669	216	1027210	33.421	ng/ul	98
40) Hexachlorocyclopentadiene	12.645	237	521001	30.321	ng/ul	98
41) 2,4,6-Trichlorophenol	12.922	196	652924	32.907	ng/ul	98
42) 2,4,5-Trichlorophenol	12.992	196	727420	34.048	ng/ul	99
43) 1,1'-Biphenyl	13.316	154	2605476	34.231	ng/ul	99
44) 2-Chloronaphthalene	13.357	162	2041148	33.373	ng/ul	99
45) 2-Nitroaniline	13.580	65	585176	36.285	ng/ul	97
47) Dimethylphthalate	13.951	163	2463195	32.658	ng/ul	100
48) 2,6-Dinitrotoluene	14.075	165	520304	35.232	ng/ul	98
50) Acenaphthylene	14.204	152	3175572	34.129	ng/ul	99
51) 3-Nitroaniline	14.404	138	517185	32.453	ng/ul	96
52) Acenaphthene	14.545	153	2192797	33.121	ng/ul	99
53) 2,4-Dinitrophenol	14.610	184	289025	29.144	ng/ul	95
55) 4-Nitrophenol	14.716	109	338488	32.523	ng/ul	97
56) Dibenzofuran	14.880	168	2958150	33.090	ng/ul	99
57) 2,4-Dinitrotoluene	14.857	165	737866	34.099	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.110	232	564040	30.326	ng/ul	96
59) Diethylphthalate	15.310	149	2436056	32.428	ng/ul	100
61) Fluorene	15.527	166	2548375	33.701	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.521	204	1238035	33.315	ng/ul	99
63) 4-Nitroaniline	15.569	138	553820m	37.378	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.621	198	421609	30.435	ng/ul	99
67) N-Nitrosodiphenylamine	15.739	169	2044928	33.507	ng/ul	100
68) 4-Bromophenyl-phenylether	16.416	248	735358	33.575	ng/ul	100
69) Hexachlorobenzene	16.521	284	893972	33.444	ng/ul	99
70) Atrazine	16.692	200	66730	3.089	ng/ul	98
71) Pentachlorophenol	16.874	266	442105	27.027	ng/ul	96
72) Phenanthrene	17.263	178	3842259	33.377	ng/ul	99
74) Anthracene	17.357	178	3793971	32.756	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.280	216	1061881	35.592	ng/uL	99
76) Pentachlorobenzene	14.798	250	1026161	31.611	ng/uL	100
77) Carbazole	17.633	167	3404120	32.578	ng/ul	99
78) Di-n-butylphthalate	18.192	149	4097198	34.034	ng/ul	100
80) Fluoranthene	19.274	202	4311067	35.754	ng/ul	99
82) Pyrene	19.639	202	4496976	35.402	ng/ul	98
83) Butylbenzylphthalate	20.539	149	1771800	35.913	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.321	252	1137071	26.165	ng/ul	99
85) Benzo(a)anthracene	21.380	228	4076350	33.874	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.303	149	2557218	37.173	ng/ul	99
87) Chrysene	21.433	228	3783606	33.415	ng/ul	99
89) Di-n-octyl phthalate	22.215	149	3901657	35.910	ng/ul	100
90) Benzo(b)fluoranthene	23.027	252	3572188	34.385	ng/ul	100
91) Benzo(k)fluoranthene	23.074	252	3464808	34.064	ng/ul	100
93) Benzo(a)pyrene	23.639	252	2940639	33.846	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.162	276	3369091	36.232	ng/ul	99
95) Dibenzo(a,h)anthracene	26.180	278	2901236	34.695	ng/ul	99
96) Benzo(g,h,i)perylene	26.909	276	2740633	34.400	ng/ul	99

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

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