Quantitation Report (Qedit)

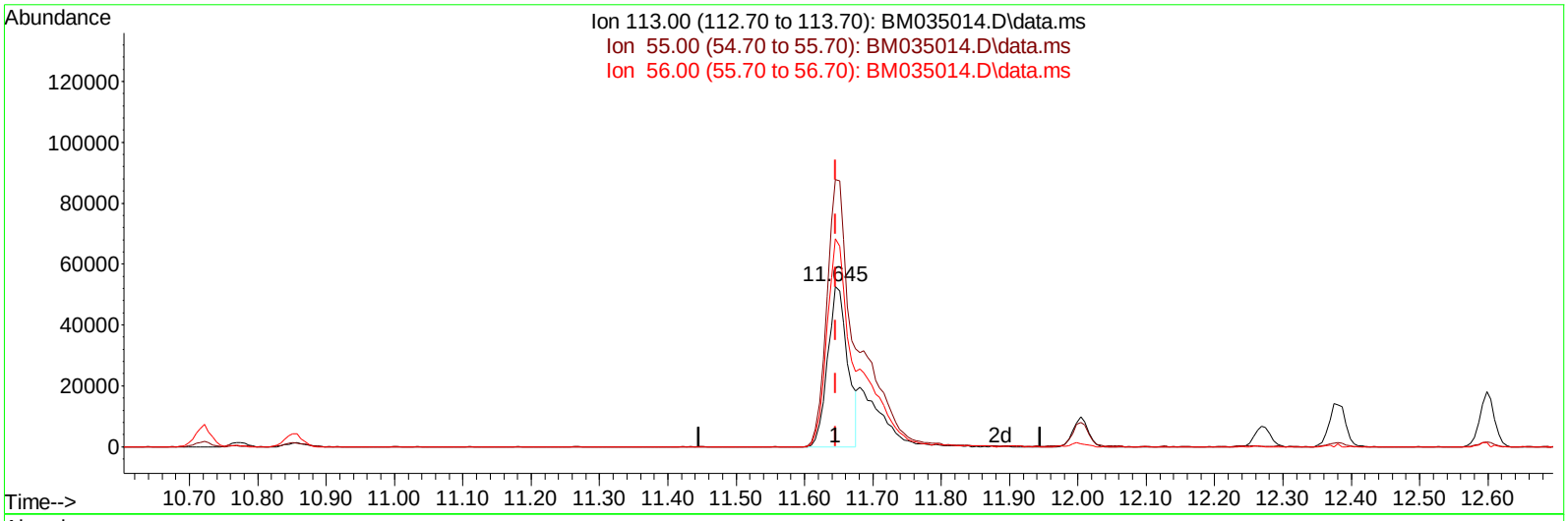
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM035014.D
Acq On : 12 May 2022 09:08
Operator : CG/JU
Sample : PB144632BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

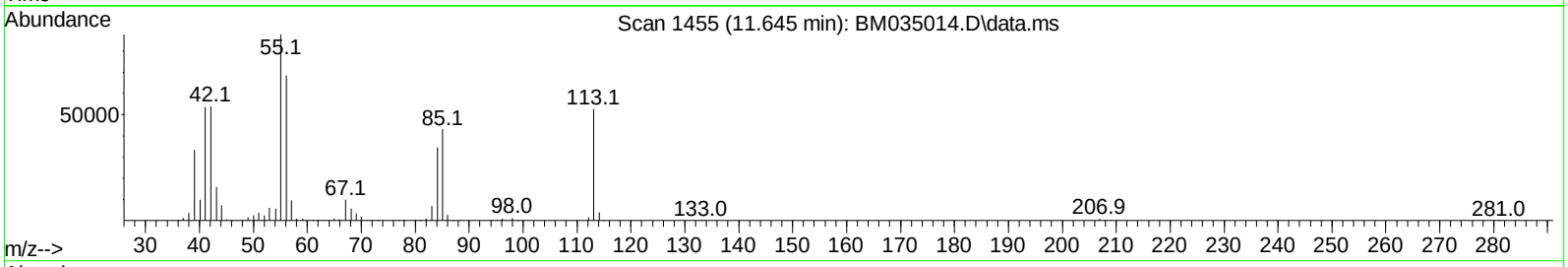
Quant Time: May 13 04:38:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 10 16:40:09 2022
Response via : Initial Calibration

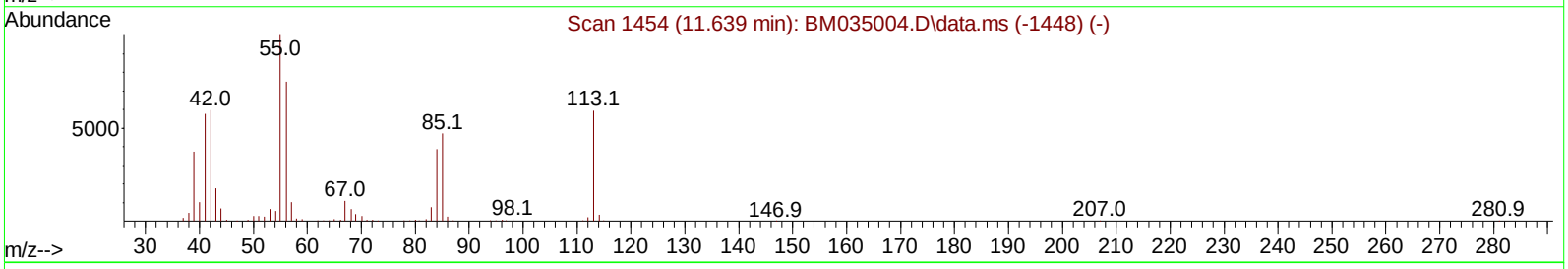
Instrument :
BNA_M
ClientSampleId :
SLCS632

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022







TIC: BM035014.D\data.ms

(34) Caprolactam

11.645min (+ 0.000) 28.10 ng/ul

response 107377

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.20	166.64
56.00	130.40	129.86
0.00	0.00	0.00

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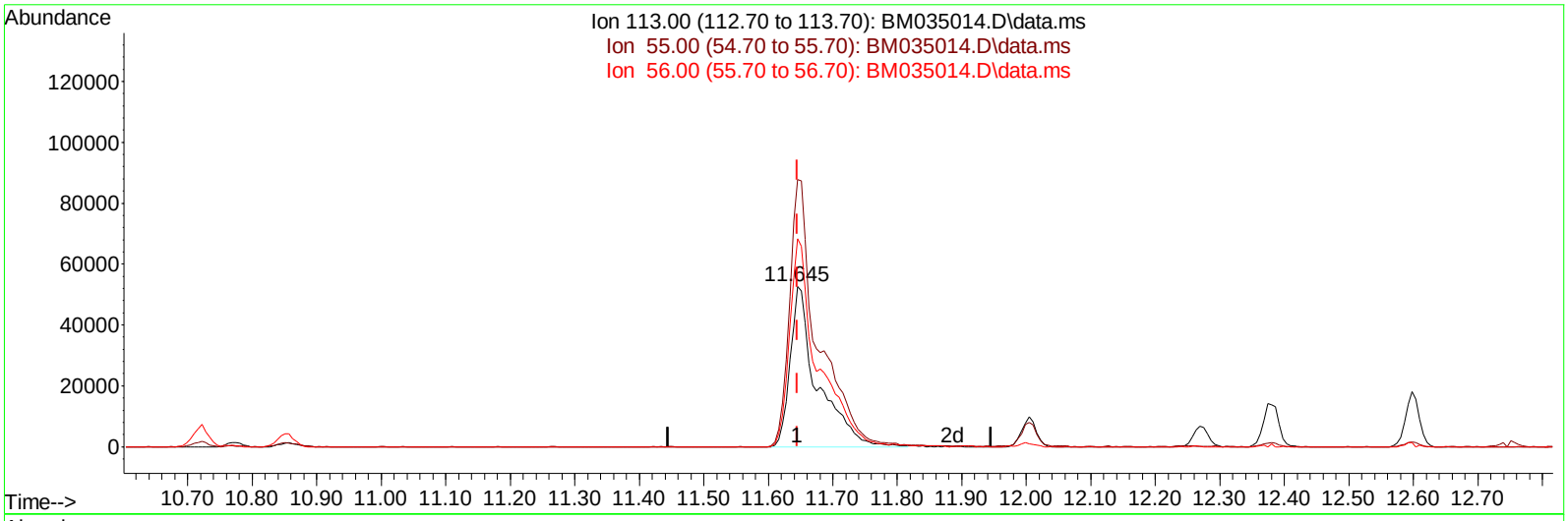

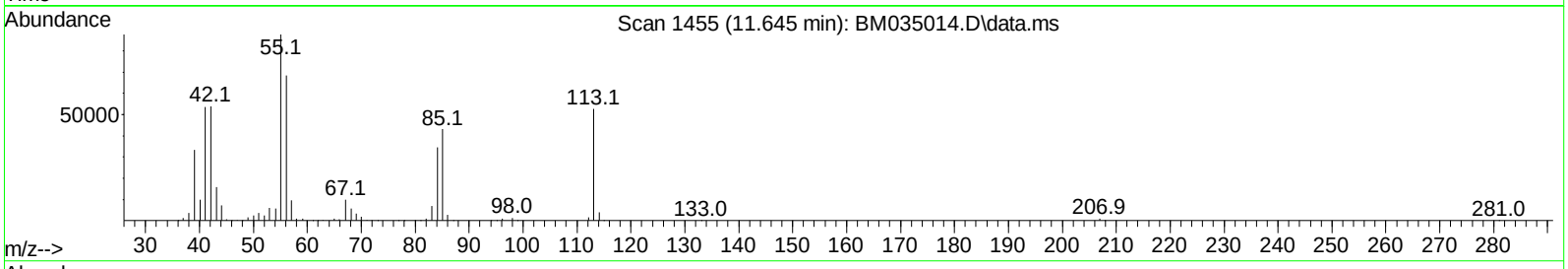

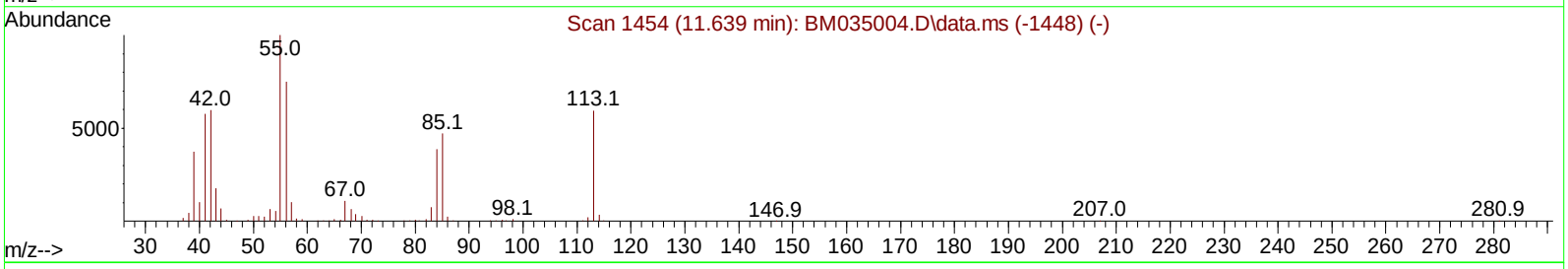

TIC: BM035014.D\data.ms

(34) Caprolactam

11.645min (+ 0.000) 40.60 ng/ul m

response 155164

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.20	166.64
56.00	130.40	129.86
0.00	0.00	0.00

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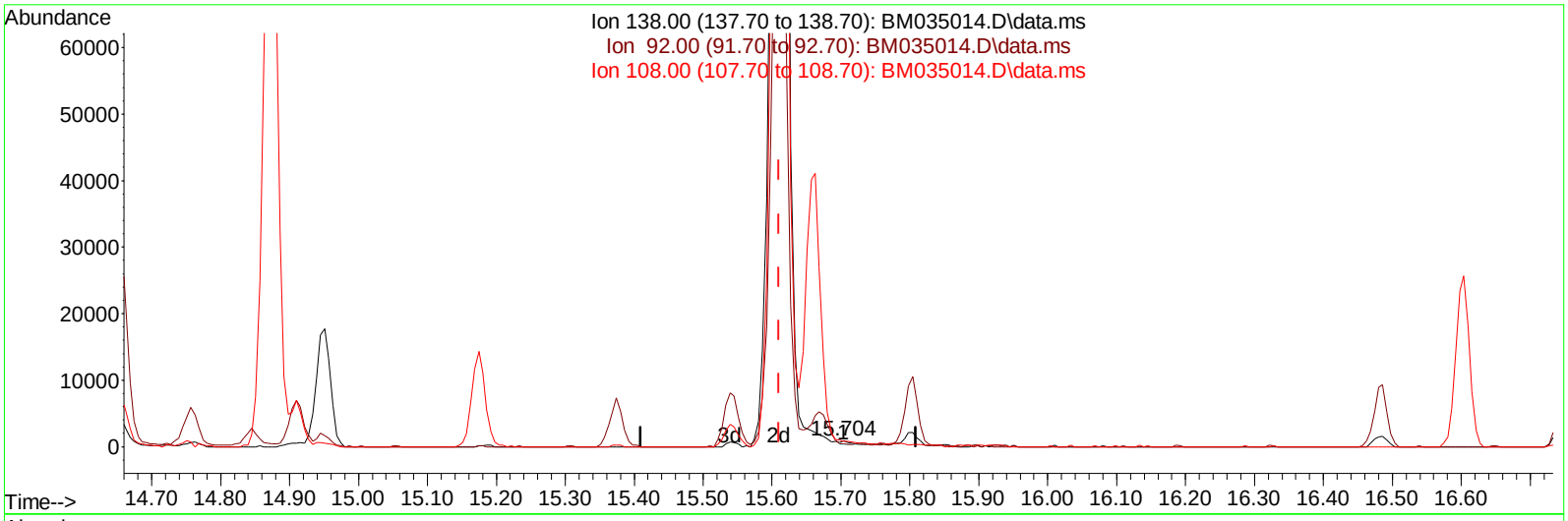

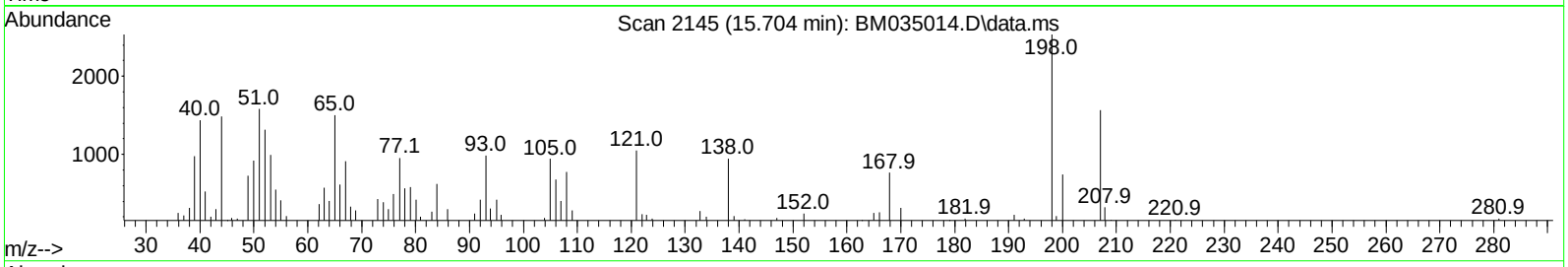

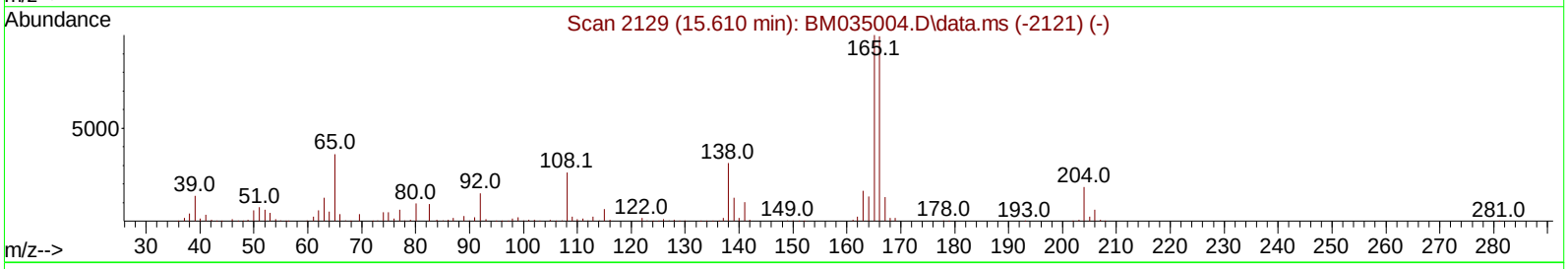

TIC: BM035014.D\data.ms

(63) 4-Nitroaniline

15.704min (+ 0.094) 0.07 ng/ul

response 473

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	46.50	44.66
108.00	73.00	82.01
0.00	0.00	0.00

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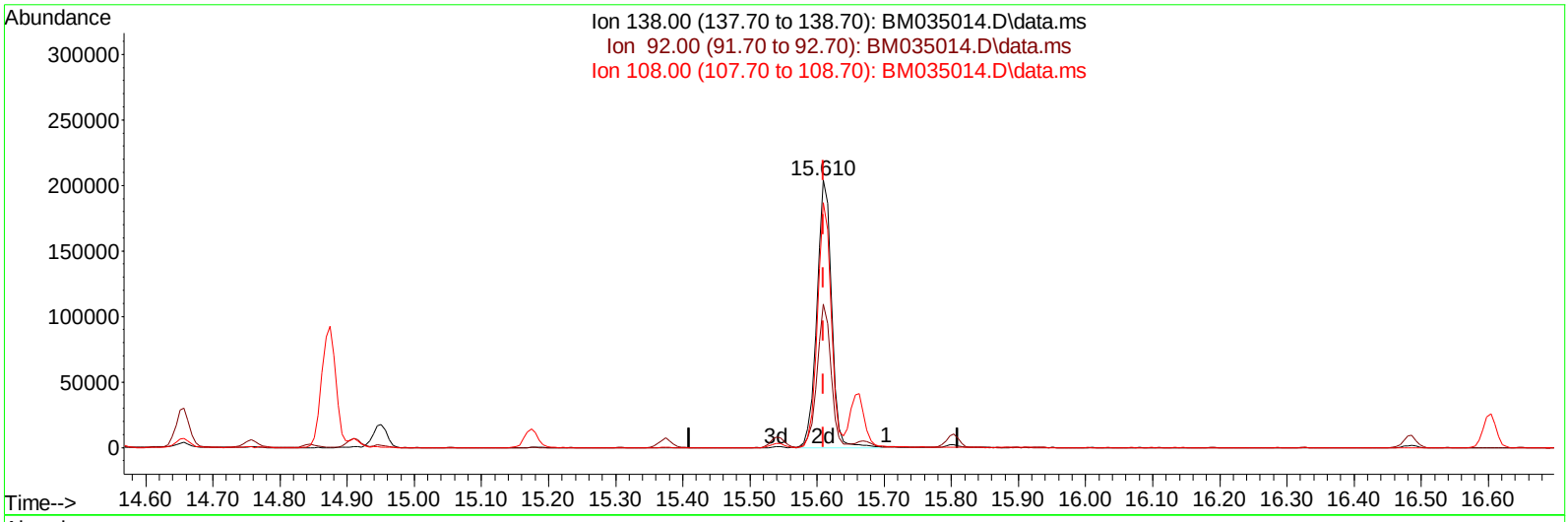

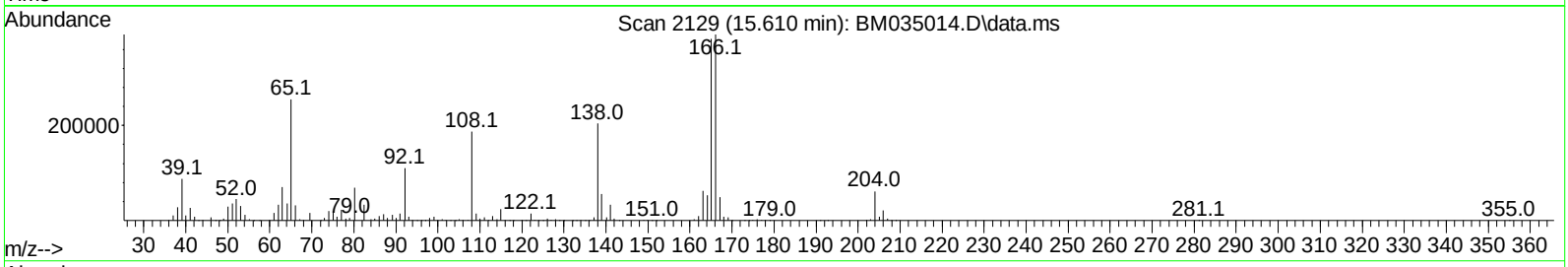

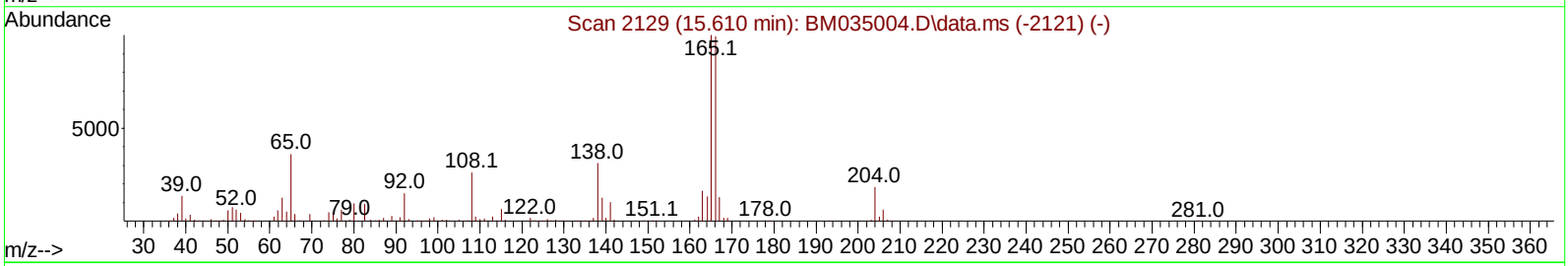

TIC: BM035014.D\data.ms

(63) 4-Nitroaniline

15.610min (+ 0.000) 46.38 ng/ul m

response 310310

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	46.50	53.76
108.00	73.00	91.50#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	180065	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	849192	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	580120	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	1231825	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	1086866	20.000	ng/ul	0.00
88) Perylene-d12	23.850	264	936458	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	22728	5.281	ng/uL	0.00
4) Pyridine-d5	3.775	84	342246	28.849	ng/ul	0.00
7) Phenol-d5	7.081	99	475310	30.513	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.251	67	293649	30.033	ng/ul	0.00
11) 2-Chlorophenol-d4	7.451	132	397732	32.492	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	418237	32.931	ng/ul	0.00
21) Nitrobenzene-d5	9.075	128	205909	31.637	ng/ul	0.00
24) 2-Nitrophenol-d4	9.798	143	230639	32.854	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.339	165	412774	31.419	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	553034	29.565	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	1361556	31.121	ng/ul	0.00
49) Acenaphthylene-d8	14.245	160	1605180	28.915	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	268958	35.979	ng/ul	0.00
60) Fluorene-d10	15.539	176	1155765	31.313	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	244664	31.519	ng/ul	0.00
73) Anthracene-d10	17.392	188	1807325	30.156	ng/ul	0.00
81) Pyrene-d10	19.680	212	2028382	29.887	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.703	264	1590819	32.504	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	46016	10.737	ng/uL	96
5) Pyridine	3.793	79	346703	27.690	ng/ul	96
6) Benzaldehyde	7.057	77	302730	34.822	ng/ul	99
8) Phenol	7.110	94	484040	31.216	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.340	93	362829	29.562	ng/ul	98
12) 2-Chlorophenol	7.481	128	395858	31.709	ng/ul	98
13) 2-Methylphenol	8.363	108	373908	31.814	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.451	45	553719	27.595	ng/ul	99
16) Acetophenone	8.740	105	616716	31.284	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.734	70	333479	31.716	ng/ul	95
18) 4-Methylphenol	8.692	108	416398	32.428	ng/ul	100
19) Hexachloroethane	9.004	117	157457	29.732	ng/ul	97
22) Nitrobenzene	9.116	77	475779	29.458	ng/ul	98
23) Isophorone	9.651	82	912484	30.749	ng/ul	98
25) 2-Nitrophenol	9.834	139	243021	32.218	ng/ul	92
26) 2,4-Dimethylphenol	9.898	107	477722	30.283	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.134	93	521171	28.332	ng/ul	99
29) 2,4-Dichlorophenol	10.369	162	399313	31.242	ng/ul	99
30) Naphthalene	10.769	128	1301723	29.178	ng/ul	99
32) 4-Chloroaniline	10.875	127	541146	28.907	ng/ul	99
33) Hexachlorobutadiene	11.069	225	243064	29.015	ng/ul	98
34) Caprolactam	11.645	113	155164m	40.600	ng/ul	
35) 4-Chloro-3-methylphenol	12.004	107	463724	33.751	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.380	142	929574	30.136	ng/ul	99
37) 1-Methylnaphthalene	12.598	142	961910	30.839	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.751	216	473303	27.740	ng/ul	99
40) Hexachlorocyclopentadiene	12.733	237	264472	22.349	ng/ul	97
41) 2,4,6-Trichlorophenol	12.986	196	339280	31.235	ng/ul	99
42) 2,4,5-Trichlorophenol	13.057	196	369819	31.781	ng/ul	99
43) 1,1'-Biphenyl	13.386	154	1278077	27.731	ng/ul	98
44) 2-Chloronaphthalene	13.427	162	991137	28.238	ng/ul	98
45) 2-Nitroaniline	13.627	65	332409	33.361	ng/ul	93
47) Dimethylphthalate	14.010	163	1312633	30.367	ng/ul	99
48) 2,6-Dinitrotoluene	14.127	165	279152	34.001	ng/ul	95
50) Acenaphthylene	14.274	152	1645906	29.511	ng/ul	98
51) 3-Nitroaniline	14.451	138	281135	37.396	ng/ul	94
52) Acenaphthene	14.616	153	1075929	28.863	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	163393	34.116	ng/ul	93
55) 4-Nitrophenol	14.757	109	237619	36.148	ng/ul	92
56) Dibenzofuran	14.951	168	1514452	29.498	ng/ul	97
57) 2,4-Dinitrotoluene	14.910	165	421136	36.365	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.174	232	307297	33.681	ng/ul	98
59) Diethylphthalate	15.374	149	1382094	31.216	ng/ul	99
61) Fluorene	15.598	166	1285898	30.617	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.592	204	612018	30.001	ng/ul	99
63) 4-Nitroaniline	15.610	138	310310m	46.375	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.674	198	235455	30.635	ng/ul#	97
67) N-Nitrosodiphenylamine	15.804	169	1108003	27.938	ng/ul	99
68) 4-Bromophenyl-phenylether	16.486	248	365277	28.516	ng/ul	96
69) Hexachlorobenzene	16.604	284	428377	29.555	ng/ul	98
70) Atrazine	16.757	200	437194	31.014	ng/ul	100
71) Pentachlorophenol	16.945	266	278349	30.939	ng/ul	97
72) Phenanthrene	17.333	178	2069471	29.868	ng/ul	99
74) Anthracene	17.427	178	2090896	29.837	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	486938	24.703	ng/uL	99
76) Pentachlorobenzene	14.874	250	468313	25.936	ng/uL	99
77) Carbazole	17.692	167	1950505	31.659	ng/ul	99
78) Di-n-butylphthalate	18.262	149	2406137	31.494	ng/ul	99
80) Fluoranthene	19.345	202	2407316	29.507	ng/ul	97
82) Pyrene	19.709	202	2454579	29.461	ng/ul	100
83) Butylbenzylphthalate	20.609	149	1092326	32.773	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.386	252	698613	34.063	ng/ul	100
85) Benzo(a)anthracene	21.456	228	2180637	30.881	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	1581118	32.015	ng/ul	100
87) Chrysene	21.509	228	2083805	30.303	ng/ul	99
89) Di-n-octyl phthalate	22.309	149	2532837	32.490	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	1963833	31.220	ng/ul	100
91) Benzo(k)fluoranthene	23.174	252	1908990	31.871	ng/ul	100
93) Benzo(a)pyrene	23.750	252	1901376	31.707	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.327	276	2054229	29.946	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.338	278	1756560	29.868	ng/ul#	97
96) Benzo(g,h,i)perylene	27.085	276	1679696	29.478	ng/ul#	95

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

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