Quantitation Report (Qedit)

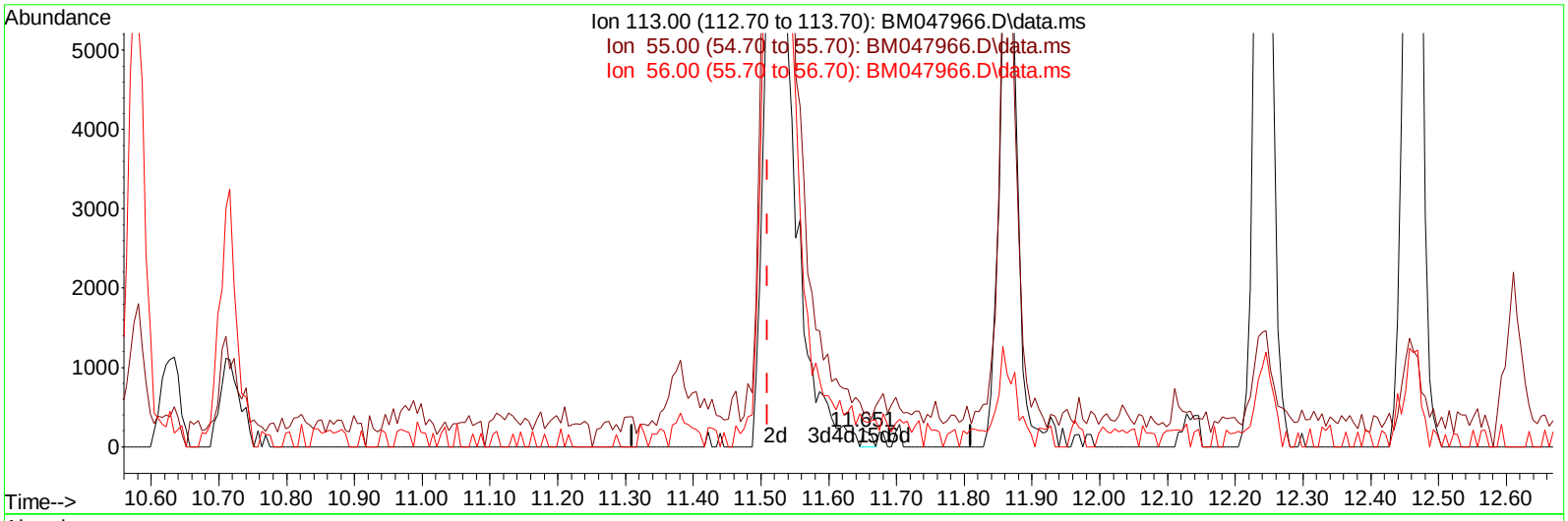
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100924\
Data File : BM047966.D
Acq On : 10 Oct 2024 05:54
Operator : RC/JU
Sample : P4215-05MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

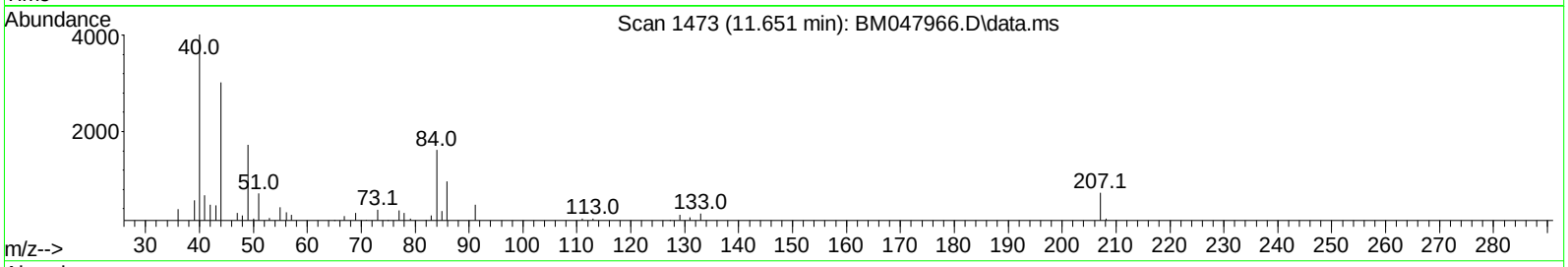
Quant Time: Oct 10 06:29:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

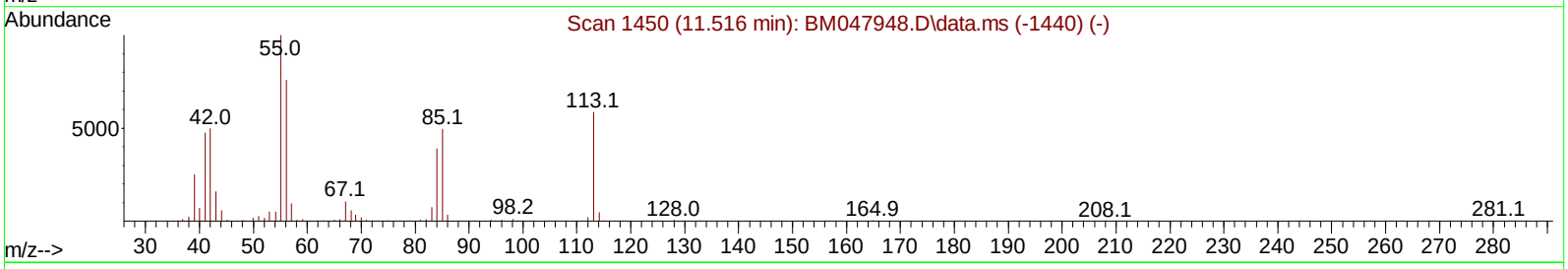
Instrument :
BNA_M
ClientSampleId :
EY075MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/10/2024
Supervised By :mohammad ahmed 10/11/2024







TIC: BM047966.D\data.ms

(34) Caprolactam

11.651min (+ 0.142) 0.04 ng/ul

response 187

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	213.07
56.00	164.10	163.32
0.00	0.00	0.00

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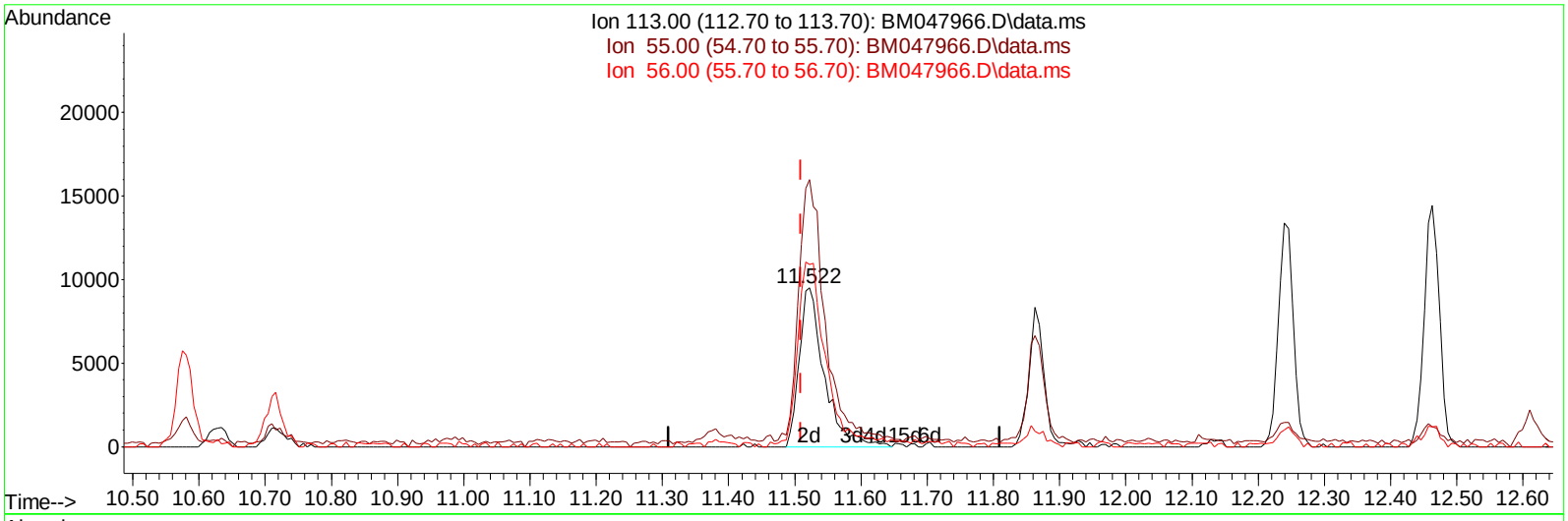

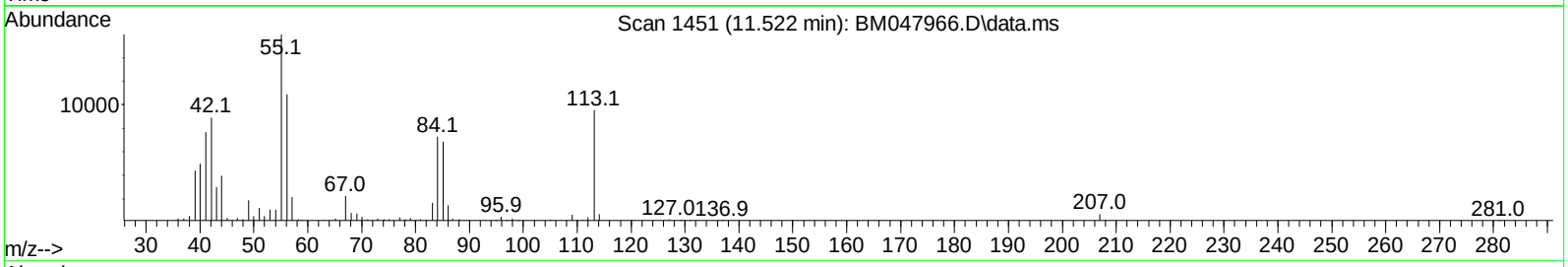

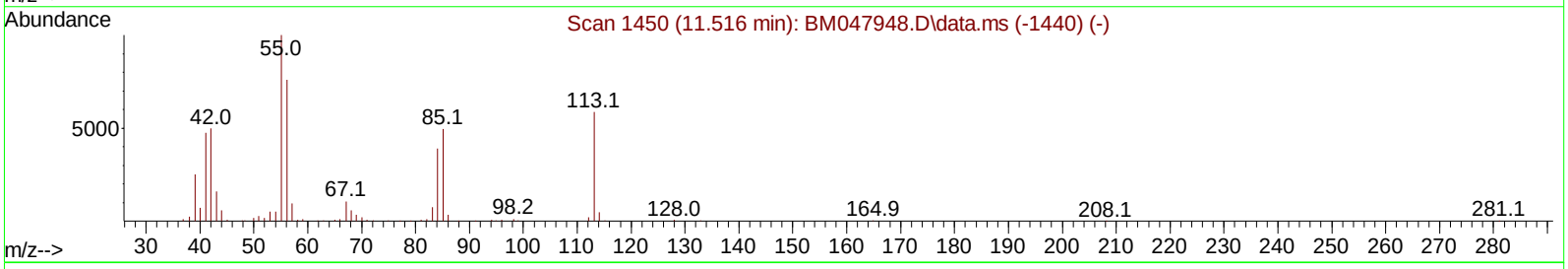

TIC: BM047966.D\data.ms

(34) Caprolactam

11.522min (+ 0.012) 5.69 ng/ul m

response 24833

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	167.66#
56.00	164.10	114.45#
0.00	0.00	0.00

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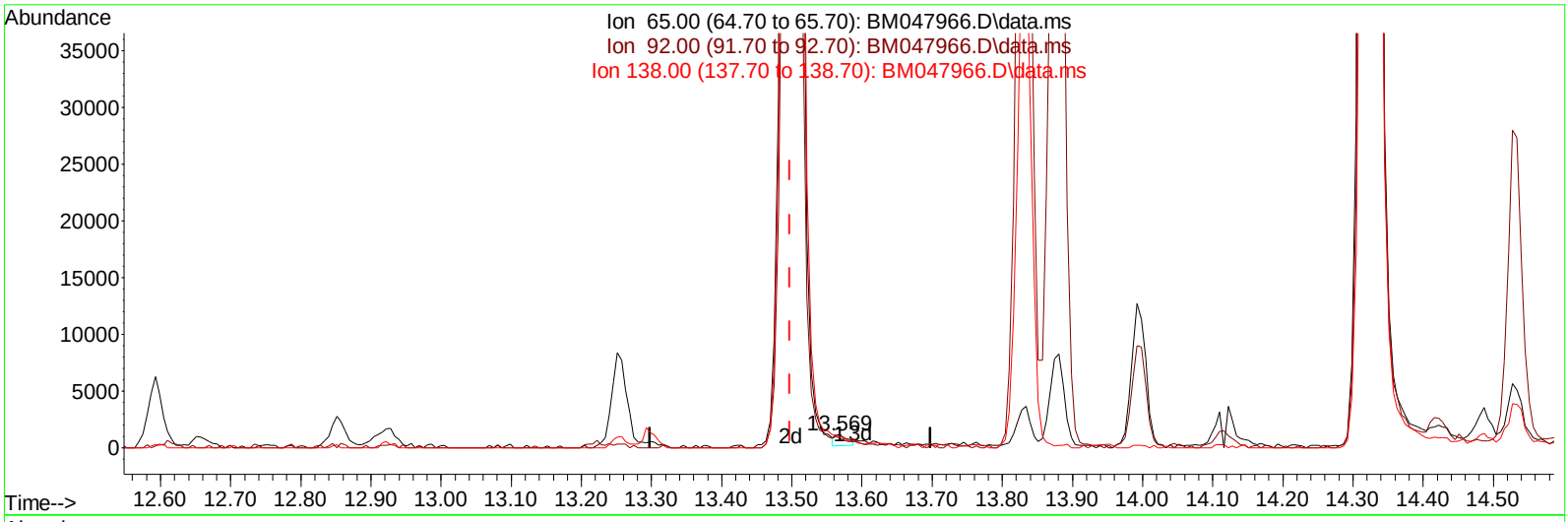

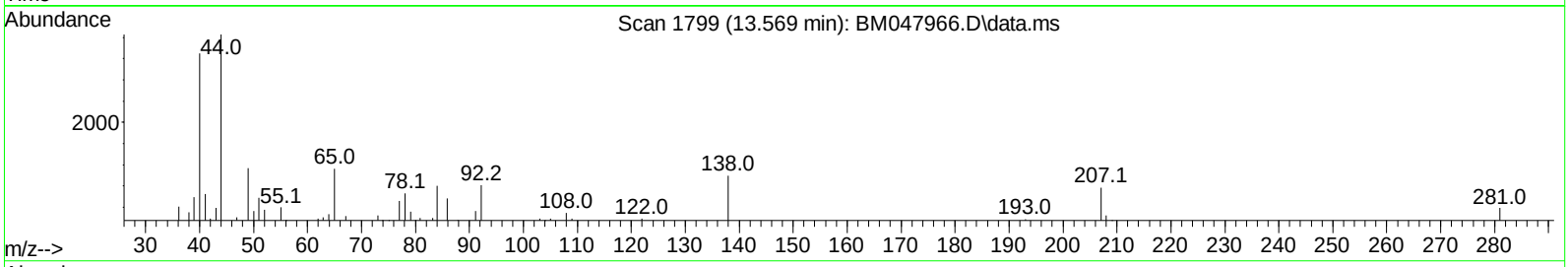

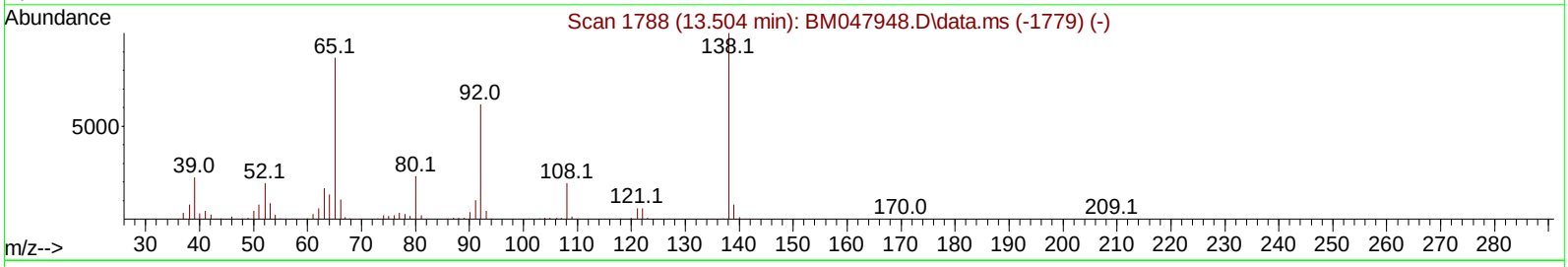

TIC: BM047966.D\data.ms

(45) 2-Nitroaniline

13.569min (+ 0.071) 0.11 ng/ul

response 1181

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	61.40	72.27
138.00	84.50	88.44
0.00	0.00	0.00

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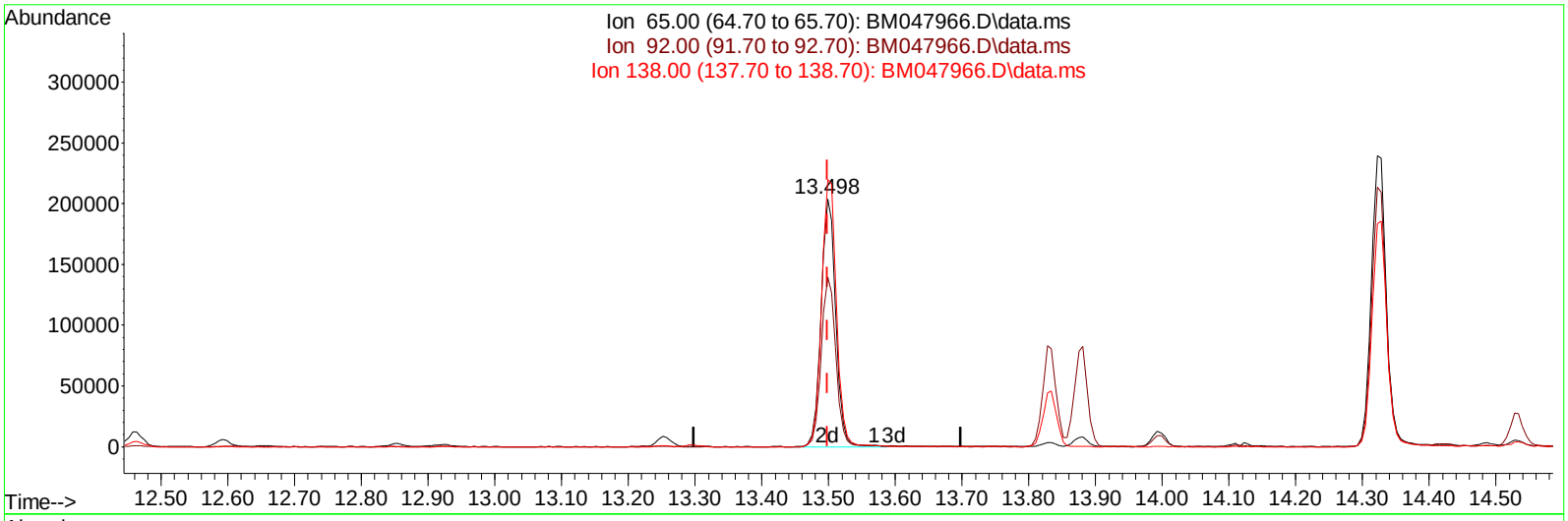

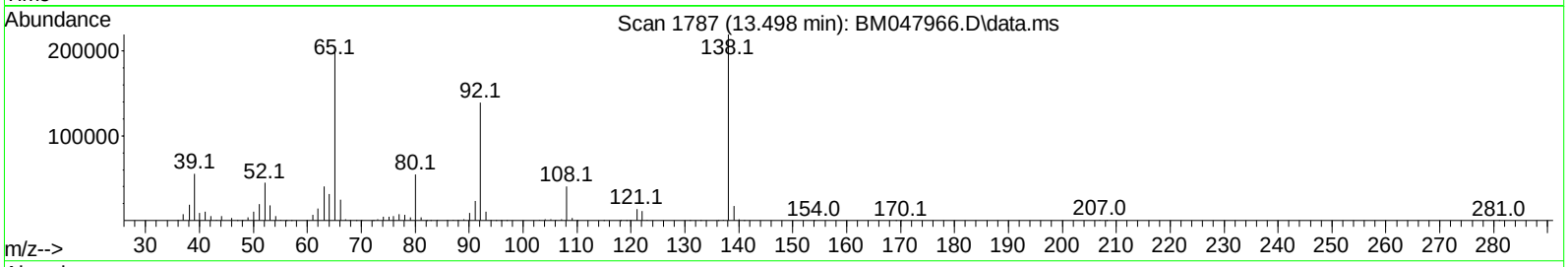

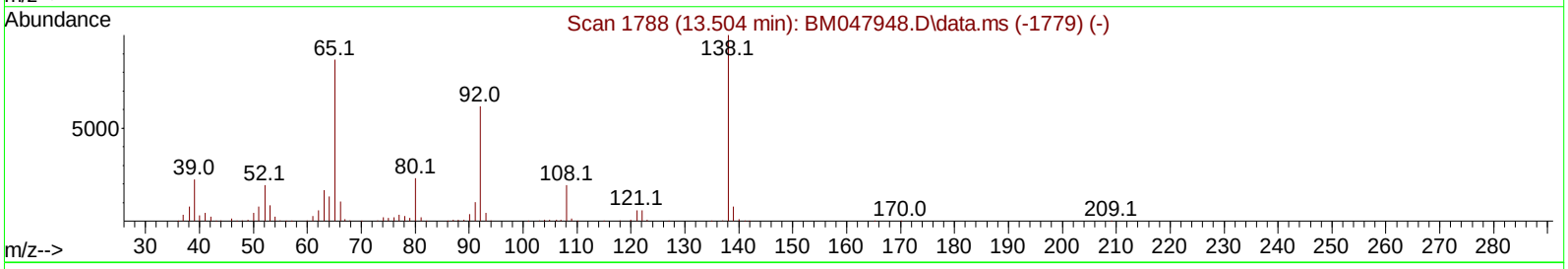

TIC: BM047966.D\data.ms

(45) 2-Nitroaniline

13.498min (+ 0.000) 29.62 ng/ul m

response 310424

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	61.40	68.37
138.00	84.50	107.69#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/10/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	222528	20.000	ng/ul	0.00
20) Naphthalene-d8	10.581	136	866934	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	533166	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.163	188	1098559	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.386	240	1121756	20.000	ng/ul	0.00
88) Perylene-d12	24.374	264	1276456	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	29024	4.215	ng/uL	0.00
4) Pyridine-d5	3.658	84	174202	8.640	ng/ul	0.00
7) Phenol-d5	6.958	99	173119	8.227	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	345935	23.168	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	431138	28.162	ng/ul	0.00
15) 4-Methylphenol-d8	8.499	113	297336	19.005	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	224735	32.558	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	240243	36.319	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	441044	33.377	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	553991	27.118	ng/ul	0.00
46) Dimethylphthalate-d6	13.834	166	1285832	33.264	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	1457629	31.804	ng/ul	0.00
54) 4-Nitrophenol-d4	14.622	143	78102	10.148	ng/ul	0.00
60) Fluorene-d10	15.416	176	1126522	33.646	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	232369	36.146	ng/ul	0.00
73) Anthracene-d10	17.257	188	1839211	34.048	ng/ul	0.00
81) Pyrene-d10	19.545	212	2235240	35.109	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.174	264	2426271	36.635	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	104607	13.908	ng/uL	91
5) Pyridine	3.675	79	186727	8.797	ng/ul	95
6) Benzaldehyde	6.928	77	310945	27.172	ng/ul	90
8) Phenol	6.981	94	187098	8.356	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.210	93	452526	25.365	ng/ul	92
12) 2-Chlorophenol	7.352	128	442475	27.282	ng/ul	92
13) 2-Methylphenol	8.234	108	339830	21.767	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.305	45	676224	20.135	ng/ul#	95
16) Acetophenone	8.605	105	703399	26.276	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.593	70	346210	24.418	ng/ul#	89
18) 4-Methylphenol	8.557	108	326762	18.625	ng/ul	99
19) Hexachloroethane	8.869	117	180808	24.802	ng/ul	84
22) Nitrobenzene	8.981	77	525694	26.810	ng/ul	92
23) Isophorone	9.516	82	947144	27.003	ng/ul	95
25) 2-Nitrophenol	9.693	139	259209	34.254	ng/ul	89
26) 2,4-Dimethylphenol	9.757	107	361070	22.268	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.993	93	575880	26.843	ng/ul	98
29) 2,4-Dichlorophenol	10.228	162	439671	32.224	ng/ul	98
30) Naphthalene	10.628	128	1473111	29.541	ng/ul	100
32) 4-Chloroaniline	10.740	127	454754	22.607	ng/ul	99
33) Hexachlorobutadiene	10.916	225	268409	29.773	ng/ul	99
34) Caprolactam	11.522	113	24833m	5.691	ng/ul	
35) 4-Chloro-3-methylphenol	11.863	107	432346	30.611	ng/ul	96

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.240	142	974148	30.745	ng/ul	97
37) 1-Methylnaphthalene	12.463	142	976500	30.292	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.616	216	521028	30.020	ng/ul#	95
40) Hexachlorocyclopentadiene	12.593	237	219941	20.952	ng/ul	100
41) 2,4,6-Trichlorophenol	12.851	196	341791	34.036	ng/ul	99
42) 2,4,5-Trichlorophenol	12.922	196	382551	34.837	ng/ul	95
43) 1,1'-Biphenyl	13.257	154	1261669	29.556	ng/ul	98
44) 2-Chloronaphthalene	13.298	162	1004985	30.440	ng/ul	96
45) 2-Nitroaniline	13.498	65	310424m	29.619	ng/ul	
47) Dimethylphthalate	13.881	163	1259722	32.179	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	256414	37.296	ng/ul#	83
50) Acenaphthylene	14.145	152	1620029	31.343	ng/ul	99
51) 3-Nitroaniline	14.328	138	292558	35.159	ng/ul	88
52) Acenaphthene	14.486	153	1090892	29.857	ng/ul	98
53) 2,4-Dinitrophenol	14.534	184	154569	36.384	ng/ul#	74
55) 4-Nitrophenol	14.634	109	57351	8.875	ng/ul	94
56) Dibenzofuran	14.822	168	1553290	31.583	ng/ul	95
57) 2,4-Dinitrotoluene	14.786	165	391445	37.909	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	15.051	232	327448	37.829	ng/ul#	94
59) Diethylphthalate	15.245	149	1257638	32.108	ng/ul	98
61) Fluorene	15.469	166	1284834	31.313	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.463	204	604578	31.182	ng/ul	96
63) 4-Nitroaniline	15.486	138	328768	40.683	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.545	198	245480	34.461	ng/ul#	91
67) N-Nitrosodiphenylamine	15.675	169	1086438	31.737	ng/ul	99
68) 4-Bromophenyl-phenylether	16.357	248	377361	33.325	ng/ul	95
69) Hexachlorobenzene	16.475	284	453869	34.442	ng/ul	92
70) Atrazine	16.628	200	272805	23.940	ng/ul	99
71) Pentachlorophenol	16.816	266	292594	34.918	ng/ul	99
72) Phenanthrene	17.204	178	2099322	32.586	ng/ul	99
74) Anthracene	17.292	178	2126765	32.367	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	505538	27.794	ng/uL	98
76) Pentachlorobenzene	14.745	250	505540	28.474	ng/uL	98
77) Carbazole	17.563	167	2034857	34.166	ng/ul	98
78) Di-n-butylphthalate	18.127	149	2233129	33.679	ng/ul#	98
80) Fluoranthene	19.216	202	2518794	33.592	ng/ul	98
82) Pyrene	19.580	202	2744728	32.889	ng/ul	95
83) Butylbenzylphthalate	20.468	149	1072580	36.354	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.286	252	743836	31.382	ng/ul	100
85) Benzo(a)anthracene	21.368	228	2712965	34.542	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.286	149	1499824	33.858	ng/ul	98
87) Chrysene	21.427	228	2533751	33.091	ng/ul	99
89) Di-n-octyl phthalate	22.415	149	2646203	32.140	ng/ul	100
90) Benzo(b)fluoranthene	23.427	252	2779806	34.921	ng/ul	99
91) Benzo(k)fluoranthene	23.492	252	2719940	33.416	ng/ul	99
93) Benzo(a)pyrene	24.233	252	2502888	33.107	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.750	276	3328087	34.352	ng/ul	99
95) Dibenzo(a,h)anthracene	27.803	278	2737311	34.476	ng/ul	97
96) Benzo(g,h,i)perylene	28.797	276	2605648	34.326	ng/ul	97

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

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