Quantitation Report (Qedit)

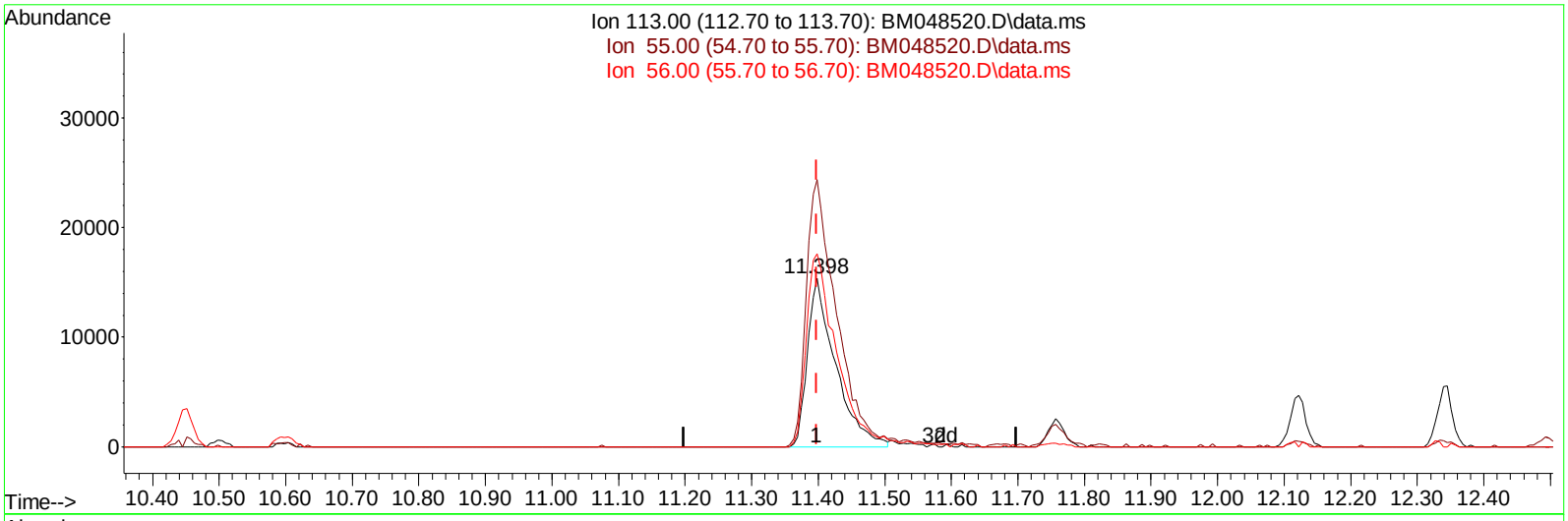
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110824\
Data File : BM048520.D
Acq On : 08 Nov 2024 08:20
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

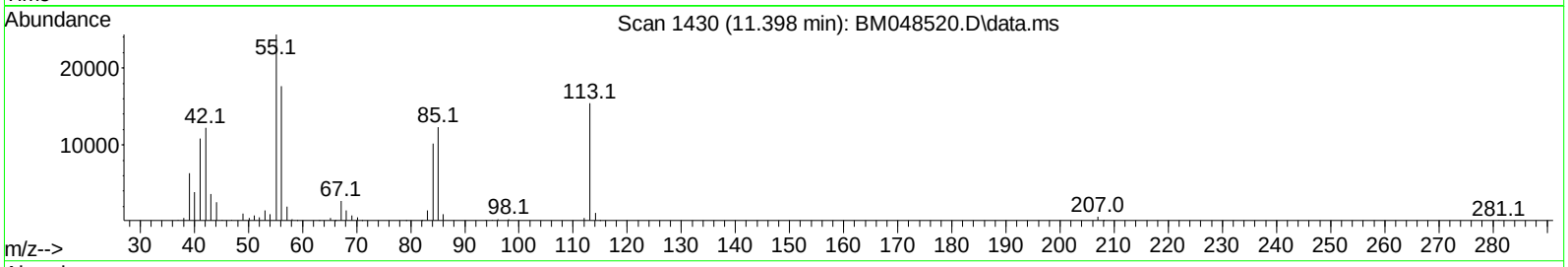
Quant Time: Nov 08 09:52:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 07 22:50:20 2024
Response via : Initial Calibration

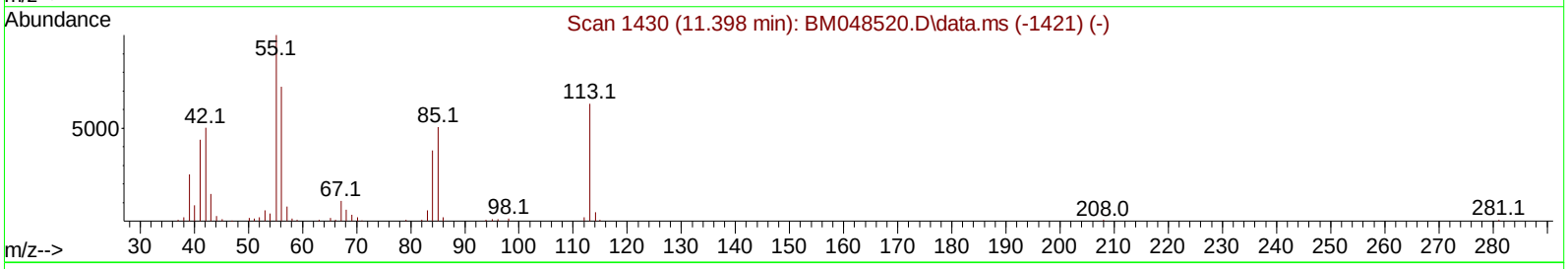
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024







TIC: BM048520.D\data.ms

(34) Caprolactam

11.398min (+ 0.000) 19.20 ng/ul

response 45140

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.10	158.24
56.00	130.10	114.49
0.00	0.00	0.00

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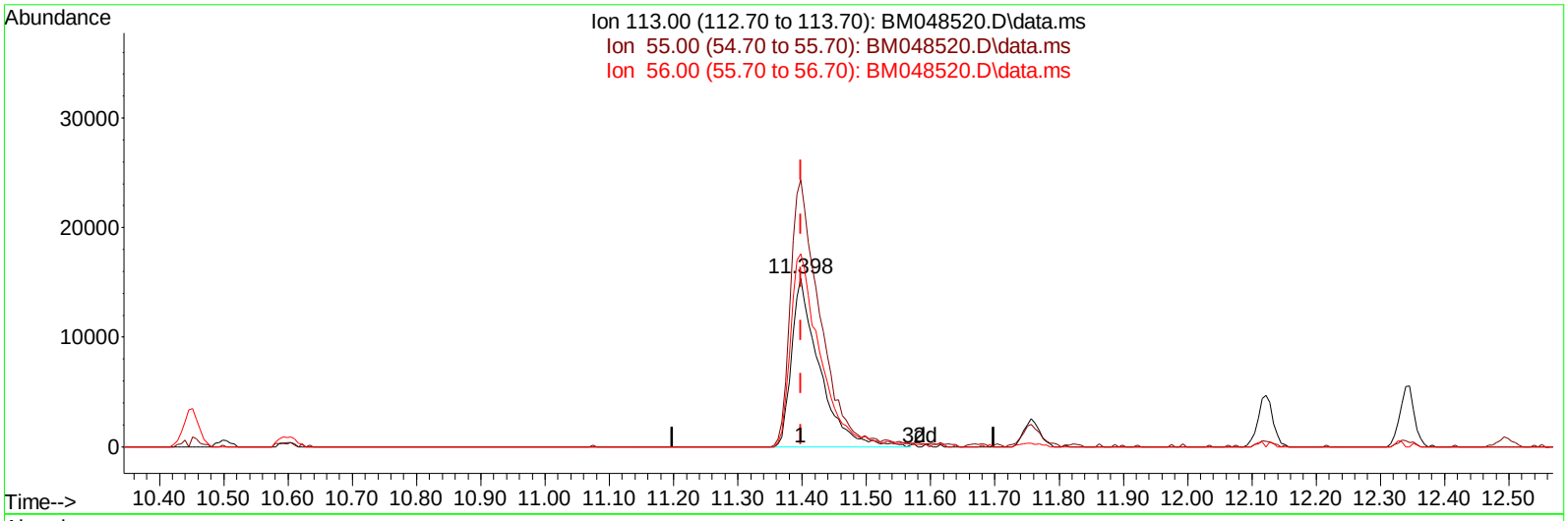

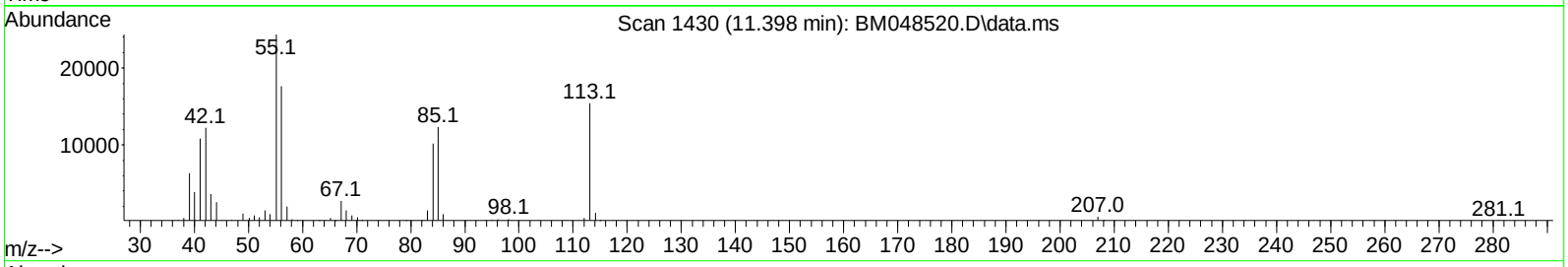

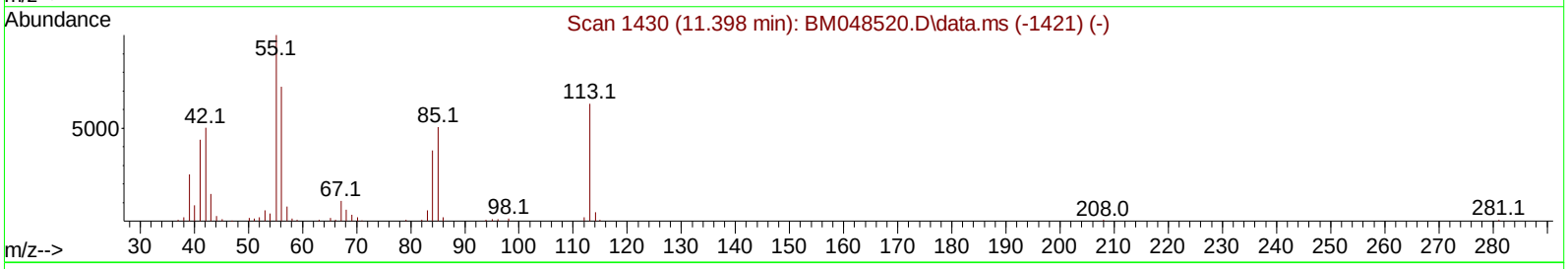

TIC: BM048520.D\data.ms

(34) Caprolactam

11.398min (+ 0.000) 19.66 ng/ul m

response 46213

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.10	158.24
56.00	130.10	114.49
0.00	0.00	0.00

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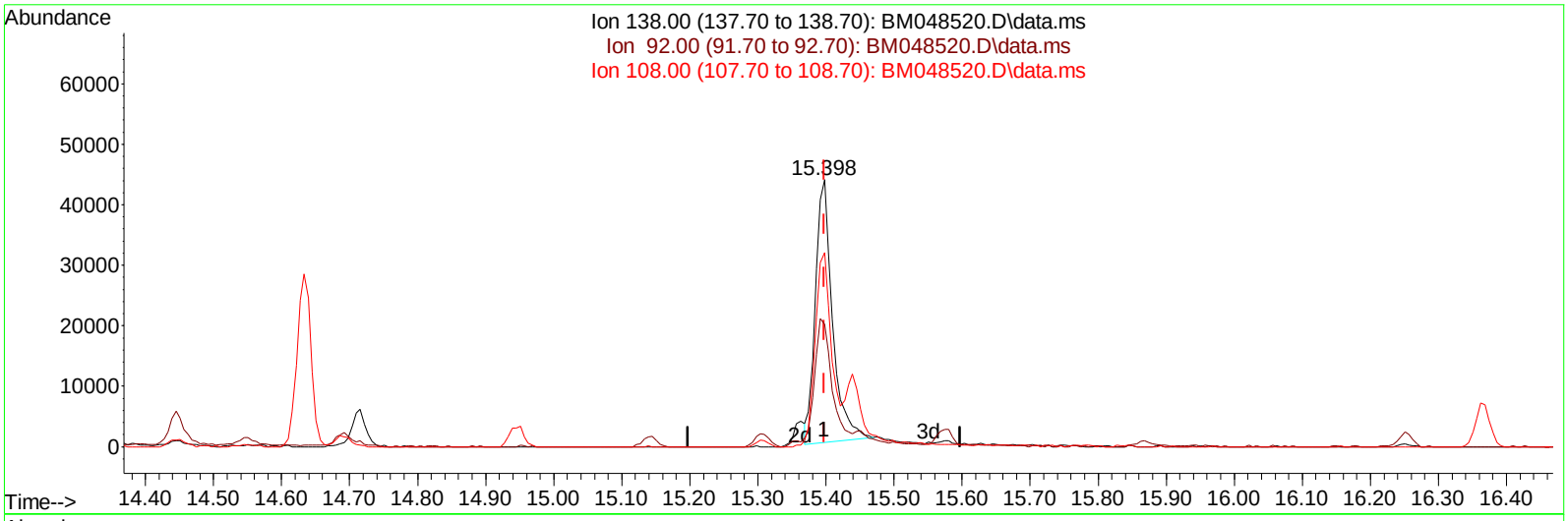

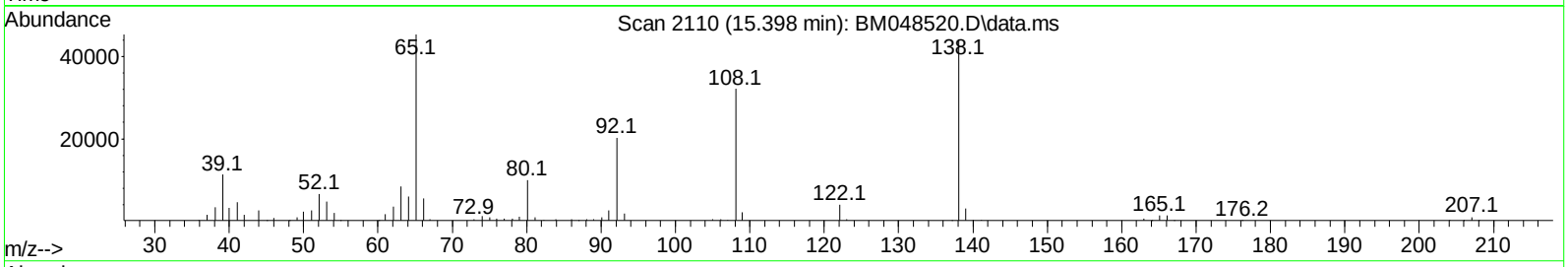

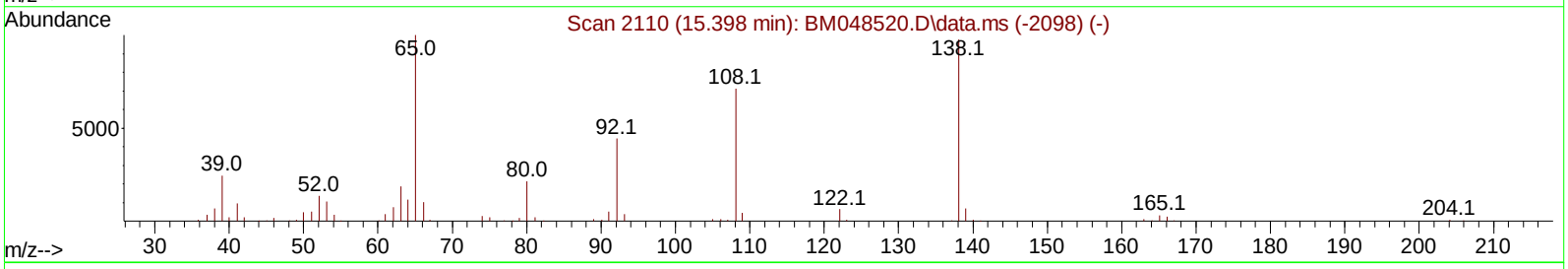

TIC: BM048520.D\data.ms

(63) 4-Nitroaniline

15.398min (+ 0.000) 18.88 ng/ul

response 76107

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.60	45.90
108.00	73.10	72.81
0.00	0.00	0.00

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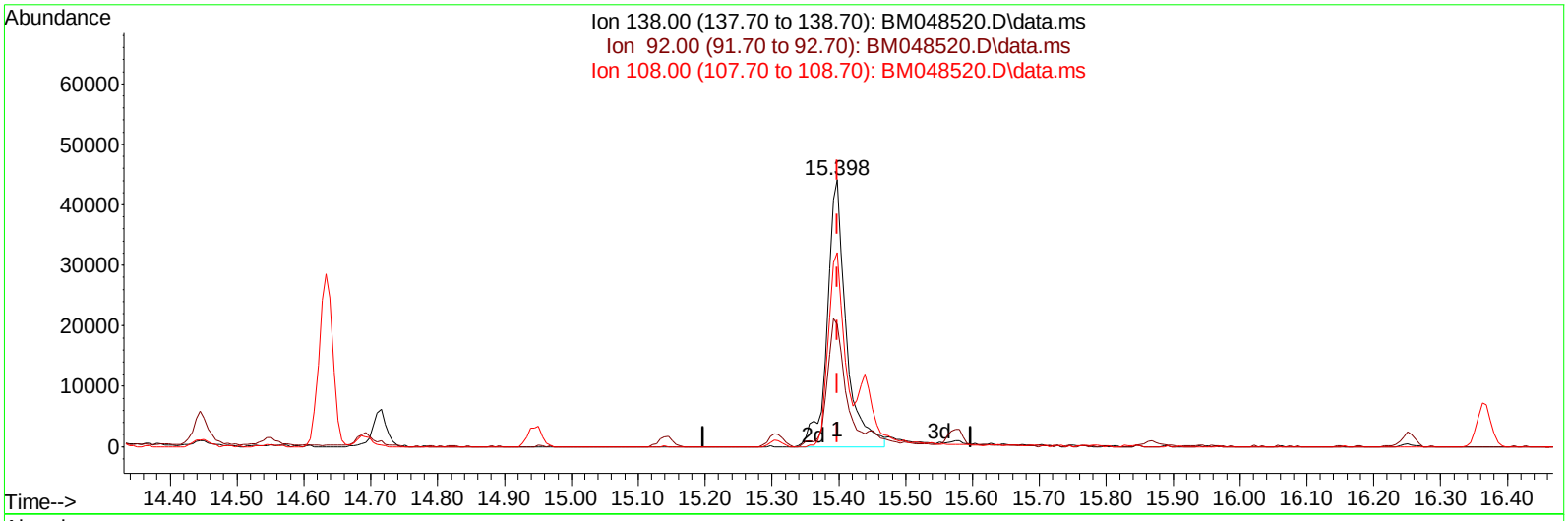

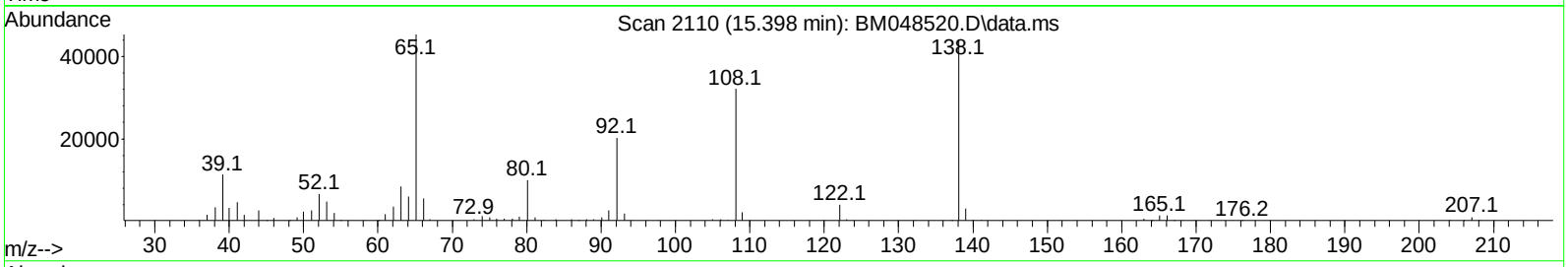

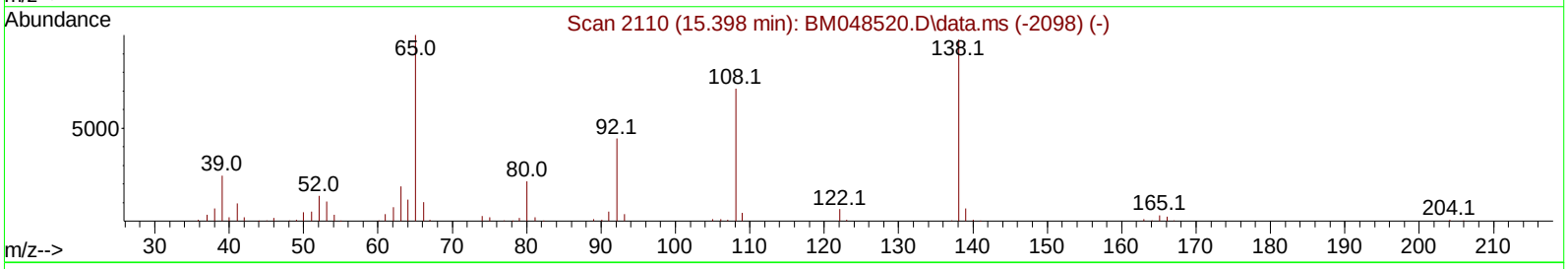

TIC: BM048520.D\data.ms

(63) 4-Nitroaniline

15.398min (+ 0.000) 21.53 ng/ul m

response 86769

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.60	45.90
108.00	73.10	72.81
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/10/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	128871	20.000	ng/ul	0.00
20) Naphthalene-d8	10.451	136	513460	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	308352	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.057	188	618749	20.000	ng/ul	0.00
79) Chrysene-d12	21.280	240	631460	20.000	ng/ul	0.00
88) Perylene-d12	24.191	264	750751	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	26992	8.350	ng/uL	0.00
4) Pyridine-d5	3.546	84	178004	19.980	ng/ul	0.00
7) Phenol-d5	6.845	99	198482	20.232	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.998	67	122826	20.845	ng/ul	0.00
11) 2-Chlorophenol-d4	7.198	132	171431	21.096	ng/ul	0.00
15) 4-Methylphenol-d8	8.381	113	154647	20.048	ng/ul	0.00
21) Nitrobenzene-d5	8.822	128	80760	21.701	ng/ul	0.00
24) 2-Nitrophenol-d4	9.539	143	83201	21.019	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	156612	21.298	ng/ul	0.00
31) 4-Chloroaniline-d4	10.598	131	214047	20.493	ng/ul	0.00
46) Dimethylphthalate-d6	13.727	166	416844	21.177	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	497559	21.440	ng/ul	0.00
54) 4-Nitrophenol-d4	14.533	143	72867	19.931	ng/ul	0.00
60) Fluorene-d10	15.310	176	366470	21.329	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	60665	19.490	ng/ul	0.00
73) Anthracene-d10	17.157	188	571238	21.816	ng/ul	0.00
81) Pyrene-d10	19.450	212	673624	21.256	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.991	264	752347	21.448	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.163	88	29060	8.191	ng/uL	97
5) Pyridine	3.563	79	191110	20.897	ng/ul	98
6) Benzaldehyde	6.810	77	123081	25.389	ng/ul	98
8) Phenol	6.875	94	209984	20.401	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.092	93	166386	20.570	ng/ul	99
12) 2-Chlorophenol	7.234	128	175541	20.851	ng/ul	99
13) 2-Methylphenol	8.116	108	156182	20.498	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.187	45	249099	20.941	ng/ul	99
16) Acetophenone	8.486	105	253498	21.083	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.475	70	119513	21.150	ng/ul	99
18) 4-Methylphenol	8.445	108	171021	20.499	ng/ul	97
19) Hexachloroethane	8.734	117	73371	20.623	ng/ul	97
22) Nitrobenzene	8.863	77	183076	21.696	ng/ul	96
23) Isophorone	9.392	82	329020	21.080	ng/ul	99
25) 2-Nitrophenol	9.575	139	92846	21.523	ng/ul	97
26) 2,4-Dimethylphenol	9.639	107	170583	21.170	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.869	93	208107	21.360	ng/ul	99
29) 2,4-Dichlorophenol	10.110	162	158698	21.276	ng/ul	97
30) Naphthalene	10.498	128	546935	21.045	ng/ul	99
32) 4-Chloroaniline	10.622	127	201942	20.505	ng/ul	97
33) Hexachlorobutadiene	10.786	225	107760	21.348	ng/ul	98
34) Caprolactam	11.398	113	46213m	19.658	ng/ul	
35) 4-Chloro-3-methylphenol	11.757	107	152556	21.136	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	12.122	142	352284	21.185	ng/ul	98
37) 1-Methylnaphthalene	12.339	142	359601	21.072	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.498	216	188294	21.310	ng/ul	99
40) Hexachlorocyclopentadiene	12.469	237	88878	19.678	ng/ul	99
41) 2,4,6-Trichlorophenol	12.745	196	118220	21.181	ng/ul	98
42) 2,4,5-Trichlorophenol	12.822	196	127291	21.416	ng/ul	97
43) 1,1'-Biphenyl	13.139	154	453808	21.524	ng/ul	100
44) 2-Chloronaphthalene	13.180	162	356030	21.399	ng/ul	98
45) 2-Nitroaniline	13.398	65	90898	21.756	ng/ul	98
47) Dimethylphthalate	13.774	163	417051	21.093	ng/ul	99
48) 2,6-Dinitrotoluene	13.898	165	81549	21.635	ng/ul	97
50) Acenaphthylene	14.033	152	549807	21.493	ng/ul	100
51) 3-Nitroaniline	14.233	138	85087	20.787	ng/ul	95
52) Acenaphthene	14.374	153	383002	21.267	ng/ul	99
53) 2,4-Dinitrophenol	14.445	184	32815	16.192	ng/ul	95
55) 4-Nitrophenol	14.551	109	52016	19.680	ng/ul	96
56) Dibenzofuran	14.715	168	533409	21.471	ng/ul	98
57) 2,4-Dinitrotoluene	14.692	165	122087	22.283	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	14.945	232	106504	21.541	ng/ul	99
59) Diethylphthalate	15.139	149	416184	21.364	ng/ul	98
61) Fluorene	15.363	166	425770	21.647	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.357	204	210240	21.696	ng/ul	99
63) 4-Nitroaniline	15.398	138	86769m	21.527	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.457	198	67761	20.005	ng/ul	97
67) N-Nitrosodiphenylamine	15.574	169	354167	21.718	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	123884	21.230	ng/ul	96
69) Hexachlorobenzene	16.368	284	151359	21.492	ng/ul	97
70) Atrazine	16.533	200	124863	21.037	ng/ul	99
71) Pentachlorophenol	16.715	266	93842	20.965	ng/ul	93
72) Phenanthrene	17.098	178	663253	21.613	ng/ul	100
74) Anthracene	17.192	178	668587	21.709	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.104	216	185357	20.999	ng/uL	98
76) Pentachlorobenzene	14.633	250	180057	20.937	ng/uL	97
77) Carbazole	17.468	167	614681	22.158	ng/ul	99
78) Di-n-butylphthalate	18.027	149	706850	21.673	ng/ul	100
80) Fluoranthene	19.121	202	770956	20.967	ng/ul	99
82) Pyrene	19.480	202	852594	21.384	ng/ul	99
83) Butylbenzylphthalate	20.380	149	322368	21.049	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.192	252	273448	23.834	ng/ul	98
85) Benzo(a)anthracene	21.262	228	854742	21.473	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.192	149	467858	20.941	ng/ul	98
87) Chrysene	21.327	228	817395	21.369	ng/ul	100
89) Di-n-octyl phthalate	22.291	149	817733	19.322	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	876731	21.214	ng/ul	99
91) Benzo(k)fluoranthene	23.338	252	900537	21.855	ng/ul	99
93) Benzo(a)pyrene	24.056	252	839788	21.613	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.462	276	1092214	21.630	ng/ul	99
95) Dibenzo(a,h)anthracene	27.509	278	890235	21.584	ng/ul	99
96) Benzo(g,h,i)perylene	28.485	276	852499	21.531	ng/ul	98

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

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