Quantitation Report (Qedit)

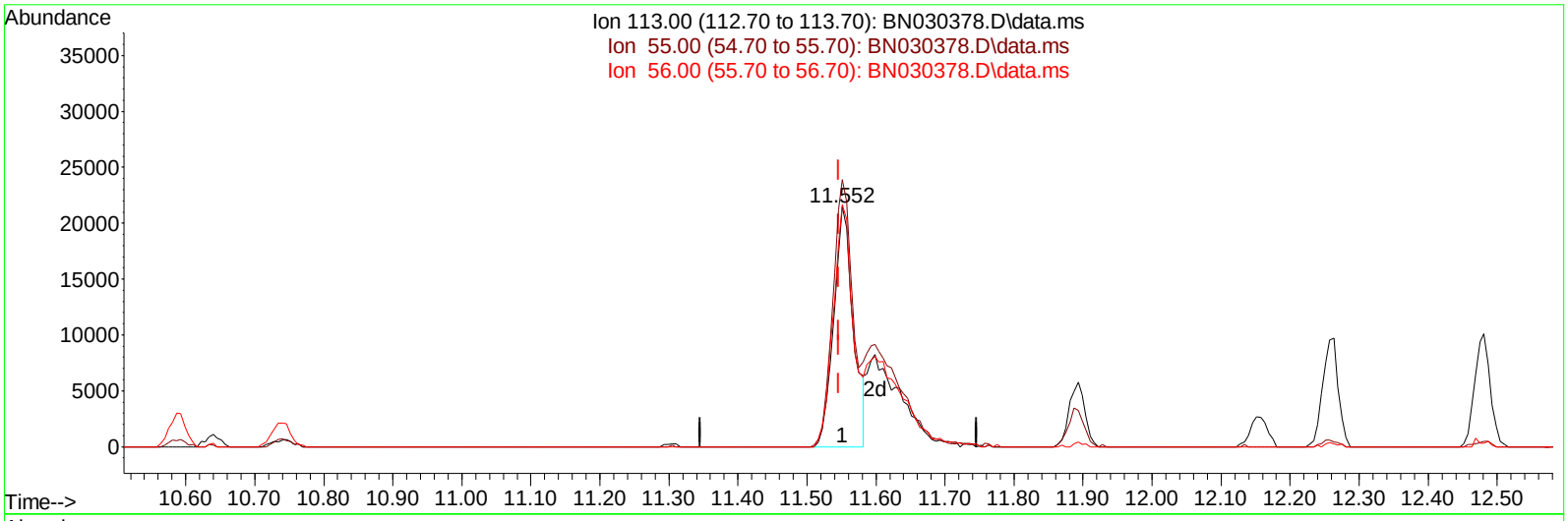
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031224\
Data File : BN030378.D
Acq On : 12 Mar 2024 19:21
Operator : MA/JU
Sample : PB159553BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

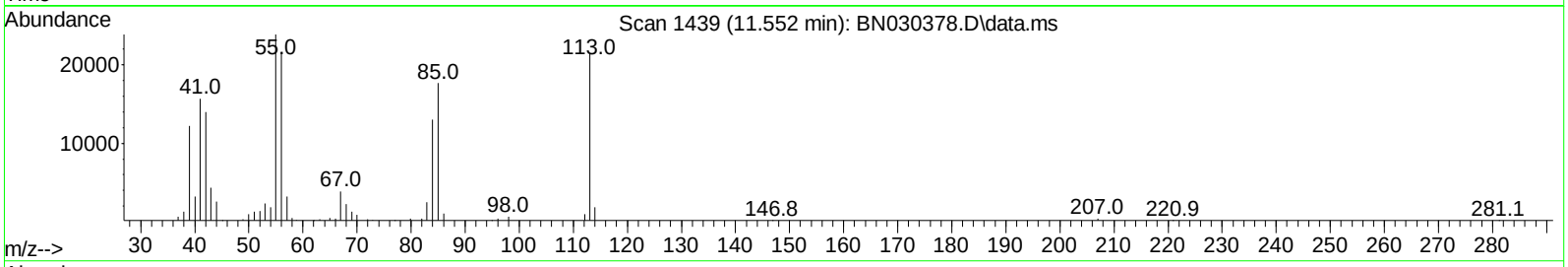
Quant Time: Mar 12 23:45:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 13:57:34 2024
Response via : Initial Calibration

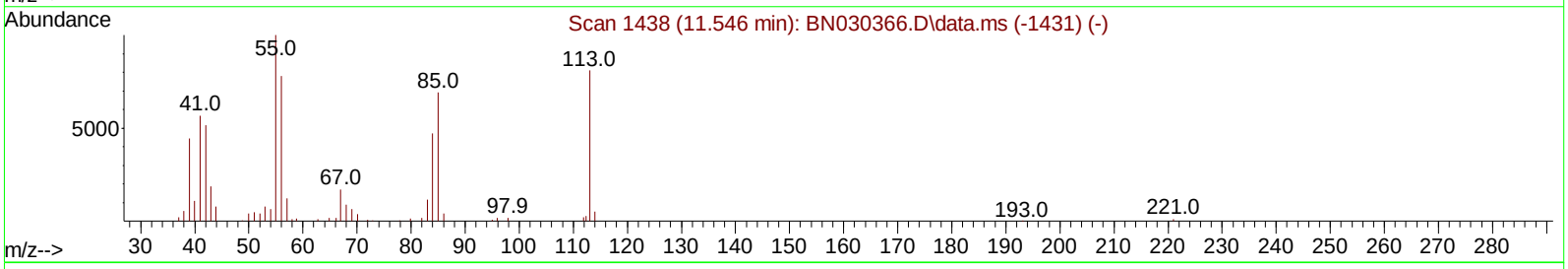
Instrument :
BNA_N
ClientSampleId :
SLCS553

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024







TIC: BN030378.D\data.ms

(34) Caprolactam

11.552min (+ 0.006) 20.42 ng/ul

response 42204

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	127.60	111.26
56.00	113.50	100.78
0.00	0.00	0.00

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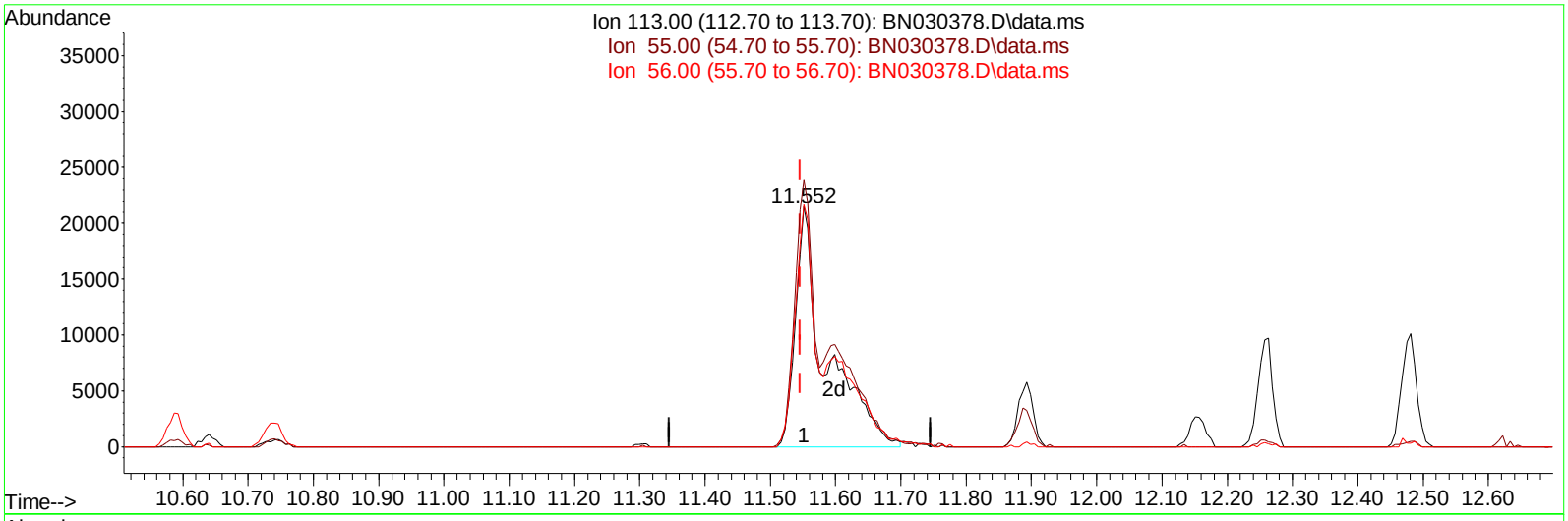

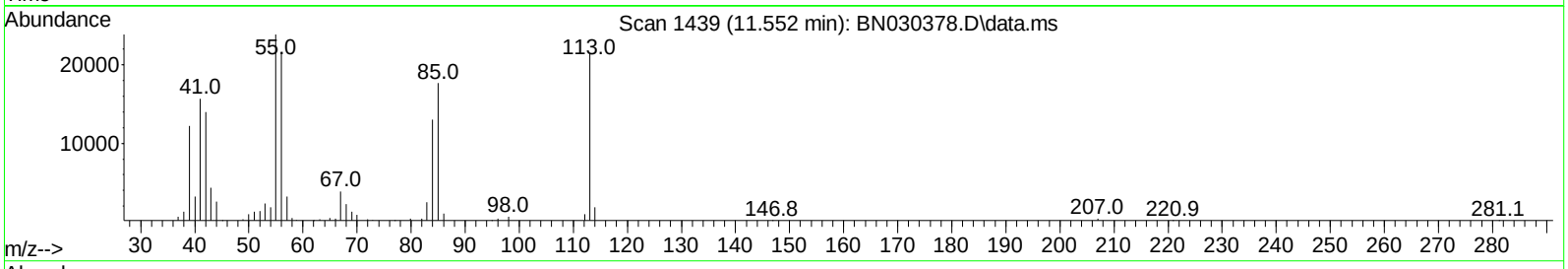

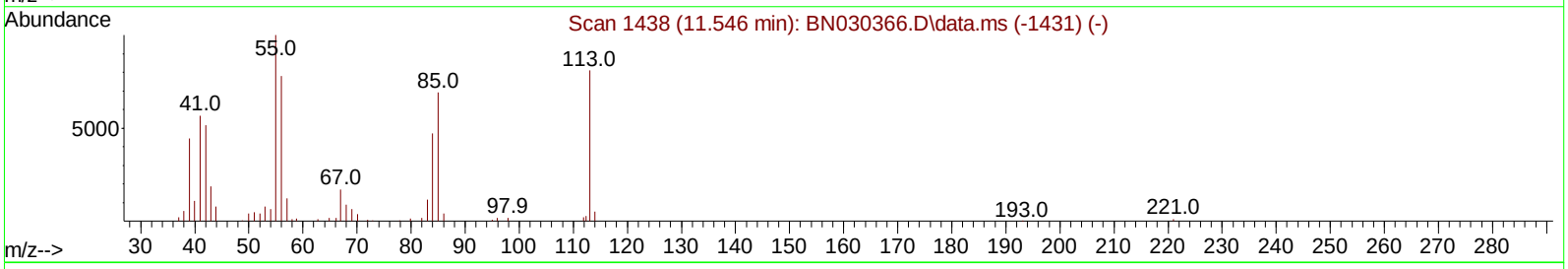

TIC: BN030378.D\data.ms

(34) Caprolactam

11.552min (+ 0.006) 33.70 ng/ul m

response 69663

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	127.60	111.26
56.00	113.50	100.78
0.00	0.00	0.00

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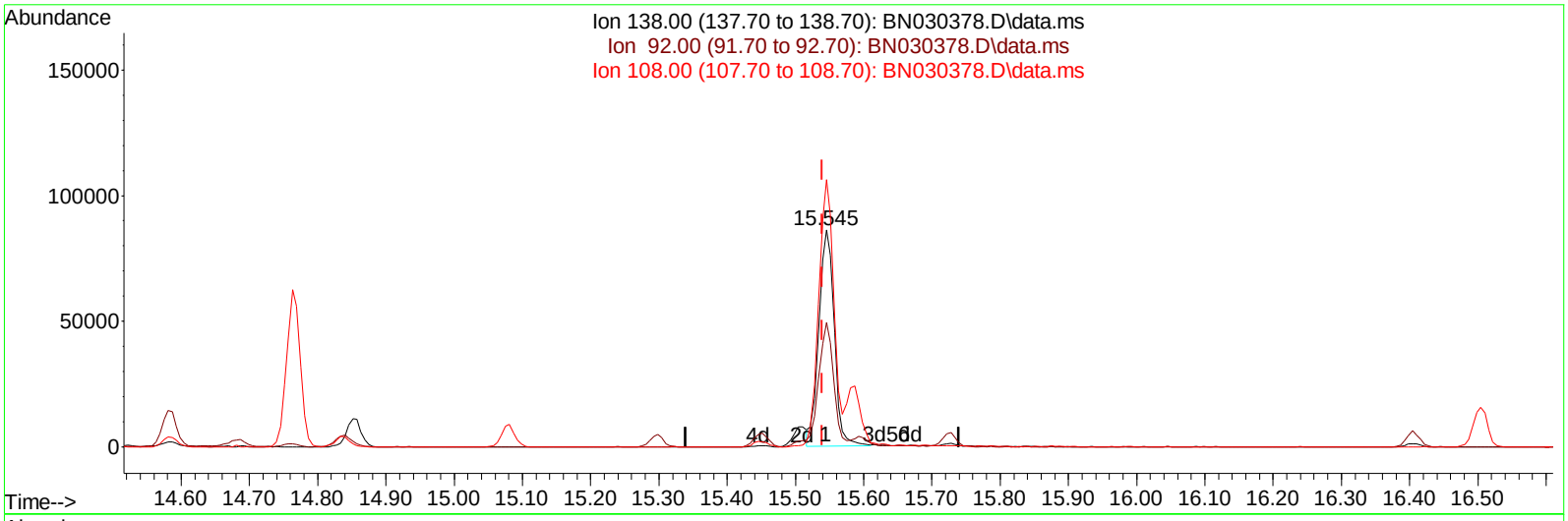

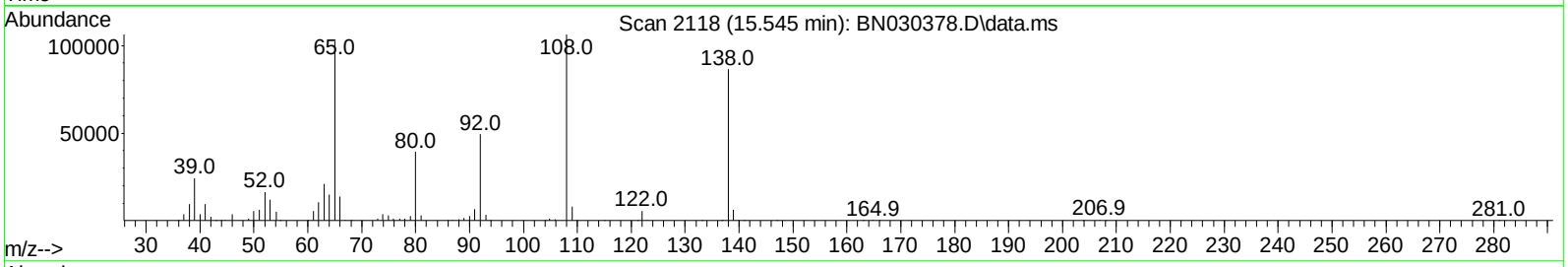

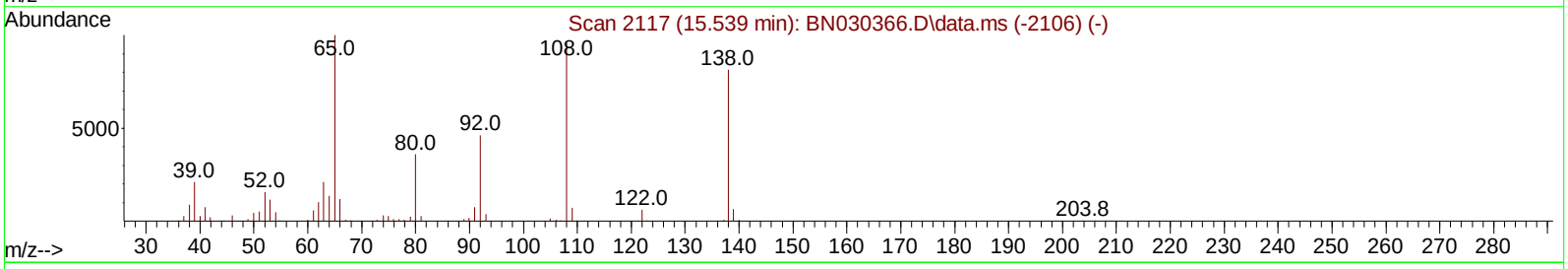

TIC: BN030378.D\data.ms

(63) 4-Nitroaniline

15.545min (+ 0.006) 33.09 ng/ul

response 136150

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.80	57.19
108.00	116.50	123.00
0.00	0.00	0.00

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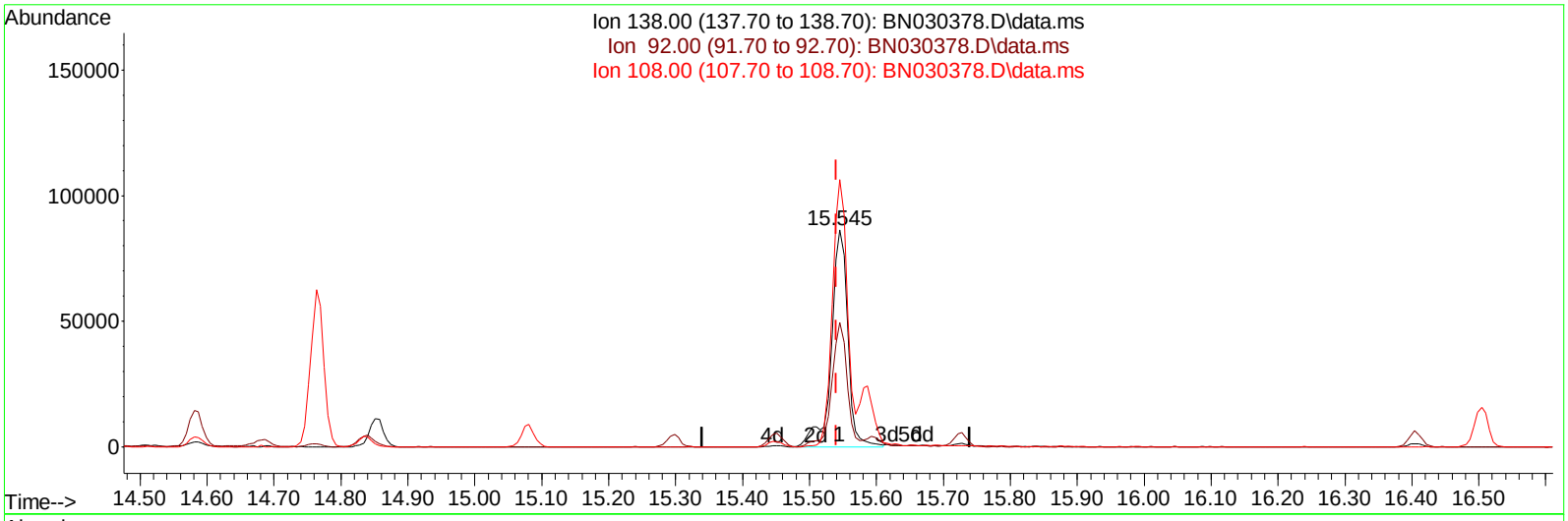

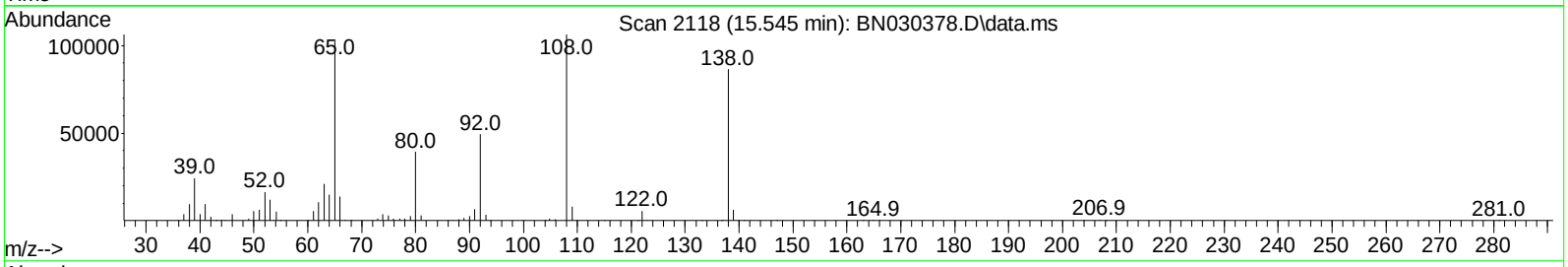

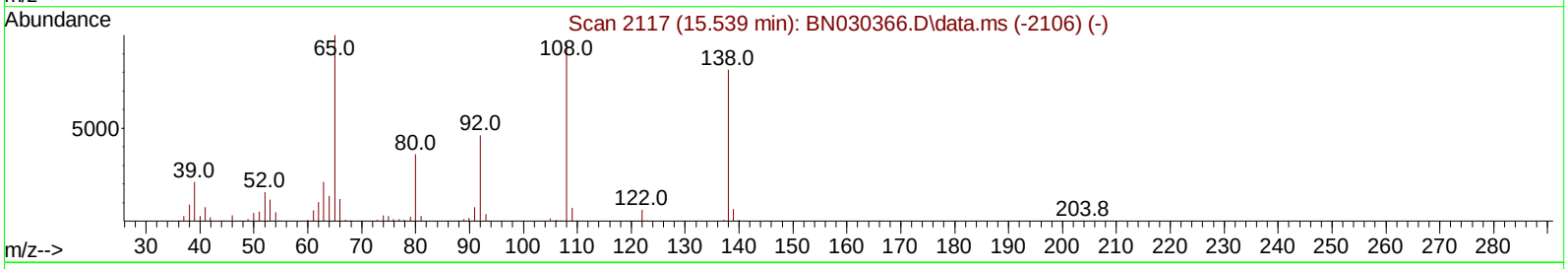

TIC: BN030378.D\data.ms

(63) 4-Nitroaniline

15.545min (+ 0.006) 36.09 ng/ul m

response 148487

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.80	57.19
108.00	116.50	123.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	106659	20.000	ng/ul	0.00
20) Naphthalene-d8	10.587	136	442960	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	286575	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	592167	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	499908	20.000	ng/ul	0.00
88) Perylene-d12	23.786	264	504961	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	15768	4.989	ng/uL	0.00
4) Pyridine-d5	3.670	84	217122	28.779	ng/ul	-0.01
7) Phenol-d5	6.964	99	272545	28.800	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	151047	28.110	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	228504	30.143	ng/ul	0.00
15) 4-Methylphenol-d8	8.511	113	231613	31.053	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	111825	30.255	ng/ul	0.00
24) 2-Nitrophenol-d4	9.681	143	125258	32.324	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	223851	32.391	ng/ul	0.00
31) 4-Chloroaniline-d4	10.740	131	302266	29.468	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	711293	30.784	ng/ul	0.00
49) Acenaphthylene-d8	14.140	160	787149	30.072	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	130662	31.894	ng/ul	0.00
60) Fluorene-d10	15.451	176	578867	30.540	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	114073	30.842	ng/ul	0.00
73) Anthracene-d10	17.310	188	886684	30.837	ng/ul	0.00
81) Pyrene-d10	19.622	212	1000691	31.521	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.639	264	865251	32.714	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	29621	9.764	ng/uL	98
5) Pyridine	3.693	79	200322	26.098	ng/ul	99
6) Benzaldehyde	6.946	77	125911	28.547	ng/ul	94
8) Phenol	6.993	94	265441	28.189	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.234	93	204919	27.229	ng/ul	99
12) 2-Chlorophenol	7.352	128	228140	29.249	ng/ul	98
13) 2-Methylphenol	8.240	108	206861	29.300	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.328	45	172090	25.149	ng/ul	97
16) Acetophenone	8.628	105	343257	28.633	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.616	70	172674	30.104	ng/ul	98
18) 4-Methylphenol	8.575	108	218987	29.355	ng/ul	100
19) Hexachloroethane	8.858	117	98657	27.226	ng/ul	94
22) Nitrobenzene	9.005	77	268471	28.148	ng/ul	97
23) Isophorone	9.528	82	490109	29.724	ng/ul	99
25) 2-Nitrophenol	9.710	139	127836	30.623	ng/ul	100
26) 2,4-Dimethylphenol	9.775	107	251446	29.181	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.022	93	269960	27.913	ng/ul	96
29) 2,4-Dichlorophenol	10.240	162	207319	29.868	ng/ul	99
30) Naphthalene	10.640	128	709405	28.056	ng/ul	99
32) 4-Chloroaniline	10.763	127	211601	21.210	ng/ul	99
33) Hexachlorobutadiene	10.910	225	135957	28.078	ng/ul	96
34) Caprolactam	11.552	113	69663m	33.703	ng/ul	
35) 4-Chloro-3-methylphenol	11.893	107	257992	32.845	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.257	142	489244	29.710	ng/ul	100
37) 1-Methylnaphthalene	12.481	142	486425	29.878	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.628	216	241087	26.641	ng/ul	96
40) Hexachlorocyclopentadiene	12.599	237	163849	24.172	ng/ul	93
41) 2,4,6-Trichlorophenol	12.875	196	163891	28.545	ng/ul	98
42) 2,4,5-Trichlorophenol	12.946	196	184539	29.413	ng/ul	99
43) 1,1'-Biphenyl	13.281	154	650628	26.901	ng/ul	99
44) 2-Chloronaphthalene	13.322	162	504425	26.853	ng/ul	99
45) 2-Nitroaniline	13.540	65	164584	30.390	ng/ul	97
47) Dimethylphthalate	13.928	163	691682	29.455	ng/ul	98
48) 2,6-Dinitrotoluene	14.051	165	142100	31.334	ng/ul	98
50) Acenaphthylene	14.169	152	841004	27.615	ng/ul	98
51) 3-Nitroaniline	14.375	138	134944	30.367	ng/ul	98
52) Acenaphthene	14.516	153	555491	27.531	ng/ul	96
53) 2,4-Dinitrophenol	14.587	184	71037	27.877	ng/ul	95
55) 4-Nitrophenol	14.687	109	144434	31.097	ng/ul	92
56) Dibenzofuran	14.851	168	744118	27.649	ng/ul	96
57) 2,4-Dinitrotoluene	14.840	165	210917	32.588	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.081	232	148628	29.435	ng/ul	97
59) Diethylphthalate	15.298	149	741326	29.536	ng/ul	99
61) Fluorene	15.504	166	630488	28.377	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	298567	28.070	ng/ul	91
63) 4-Nitroaniline	15.545	138	148487m	36.091	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.598	198	113793	28.513	ng/ul	100
67) N-Nitrosodiphenylamine	15.728	169	540996	28.956	ng/ul	97
68) 4-Bromophenyl-phenylether	16.404	248	185622	29.257	ng/ul	90
69) Hexachlorobenzene	16.504	284	209979	30.221	ng/ul	97
70) Atrazine	16.692	200	111109	17.280	ng/ul	98
71) Pentachlorophenol	16.857	266	129036	27.445	ng/ul	97
72) Phenanthrene	17.257	178	1014775	29.383	ng/ul	99
74) Anthracene	17.345	178	1025385	29.188	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.240	216	244097	27.613	ng/uL	94
76) Pentachlorobenzene	14.763	250	237881	28.856	ng/uL	98
77) Carbazole	17.628	167	924819	29.643	ng/ul	98
78) Di-n-butylphthalate	18.204	149	1347220	31.076	ng/ul	100
80) Fluoranthene	19.286	202	1163379	29.906	ng/ul	97
82) Pyrene	19.651	202	1173600	29.352	ng/ul	98
83) Butylbenzylphthalate	20.580	149	614345	32.073	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.363	252	327780	30.172	ng/ul	94
85) Benzo(a)anthracene	21.422	228	1112628	29.659	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.375	149	914665	31.548	ng/ul	99
87) Chrysene	21.475	228	1002451	28.813	ng/ul	98
89) Di-n-octyl phthalate	22.298	149	1522708	32.214	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	1055863	31.713	ng/ul	97
91) Benzo(k)fluoranthene	23.127	252	1003277	29.176	ng/ul	98
93) Benzo(a)pyrene	23.692	252	919105	29.168	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.215	276	964350	25.734	ng/ul	96
95) Dibenzo(a,h)anthracene	26.239	278	772436	25.285	ng/ul	99
96) Benzo(g,h,i)perylene	26.957	276	740543	24.399	ng/ul	96

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

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