Quantitation Report (Qedit)

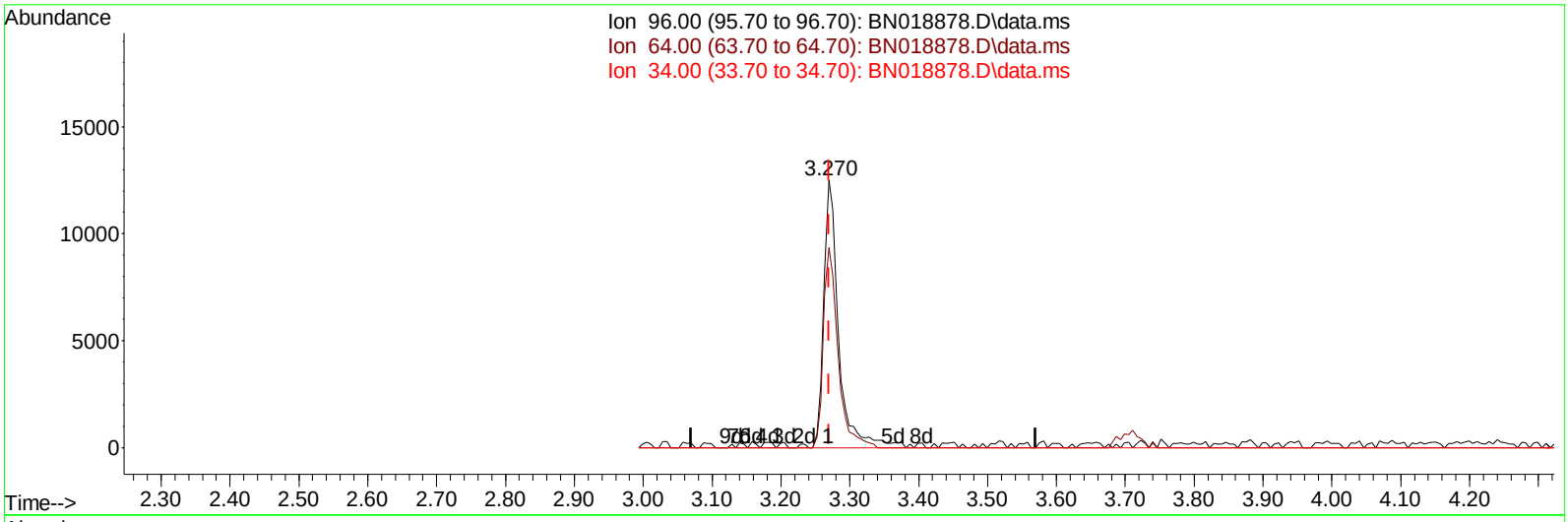
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030822\
Data File : BN018878.D
Acq On : 08 Mar 2022 19:32
Operator : CG/JU
Sample : PB143136BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

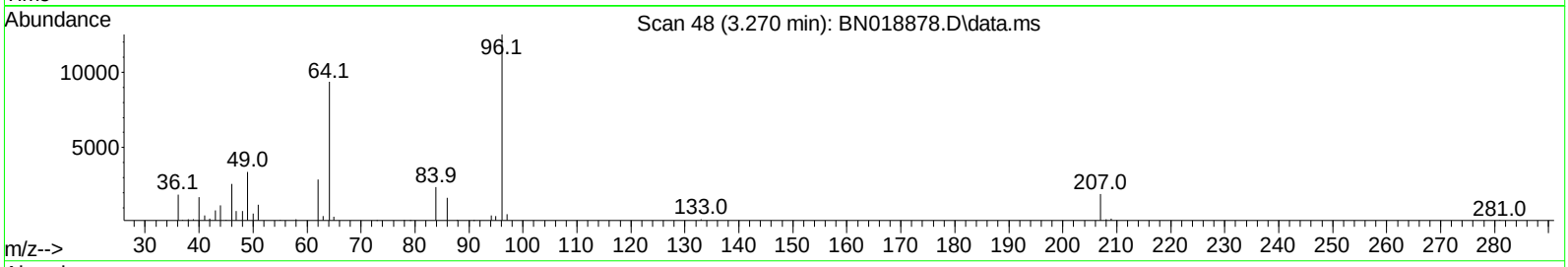
Quant Time: Mar 09 02:14:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030822.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 08 14:15:20 2022
Response via : Initial Calibration

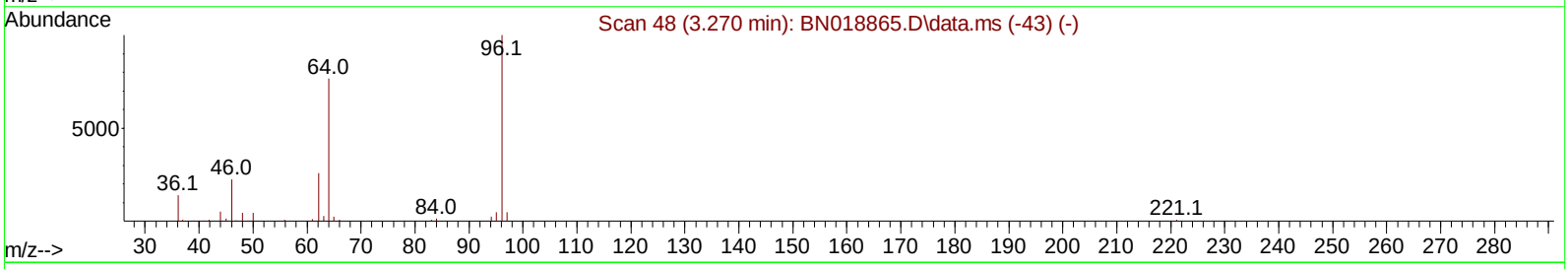
Instrument :
BNA_N
ClientSampleId :
SLCS136

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/09/2022
Supervised By :Yogesh Patel 03/10/2022







TIC: BN018878.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.270min (-0.000) 5.56 ng/uL

response 17788

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	80.20	74.79
34.00	0.00	0.00
0.00	0.00	0.00

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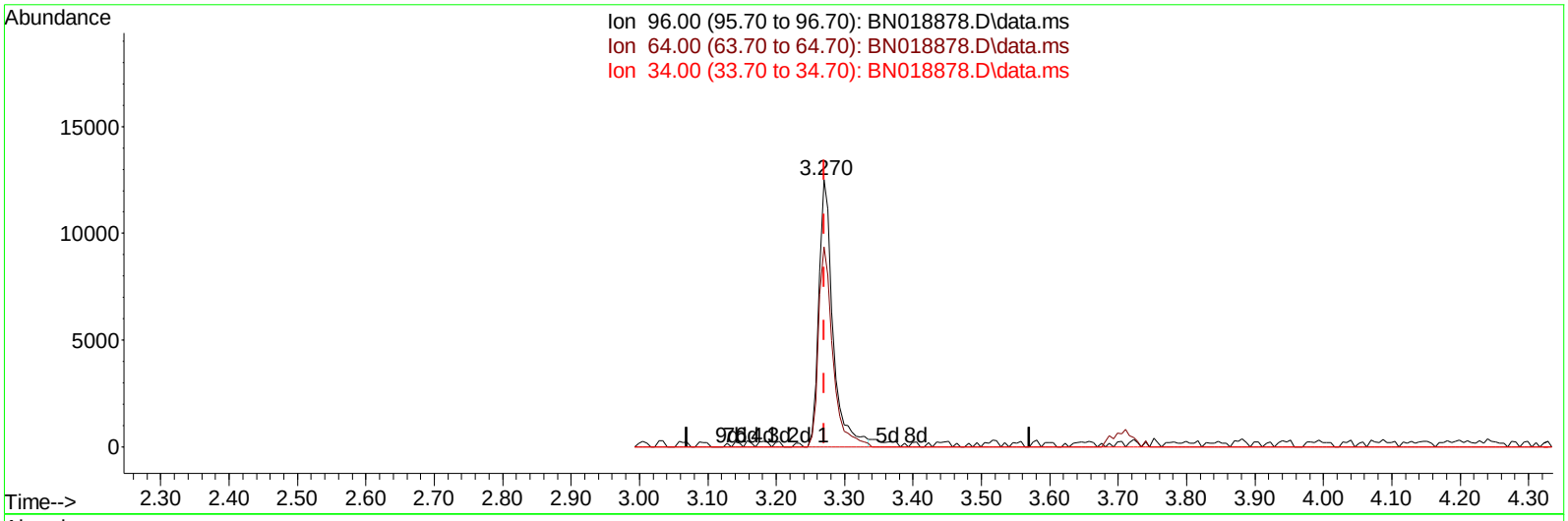

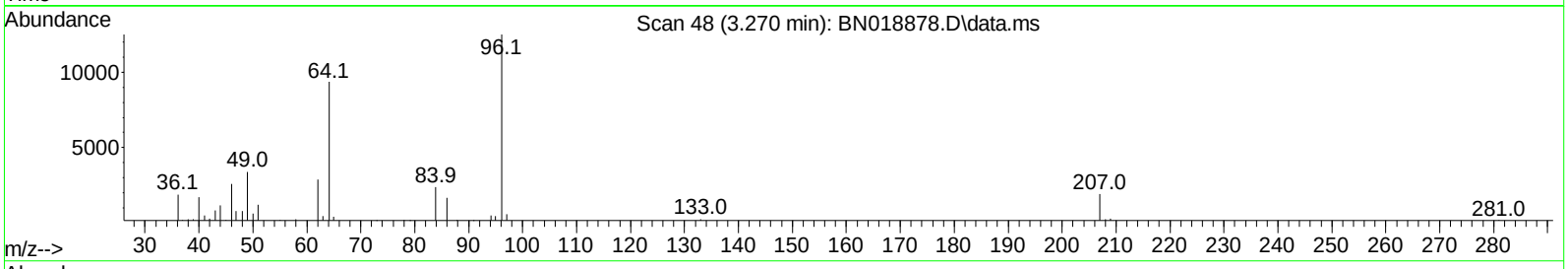

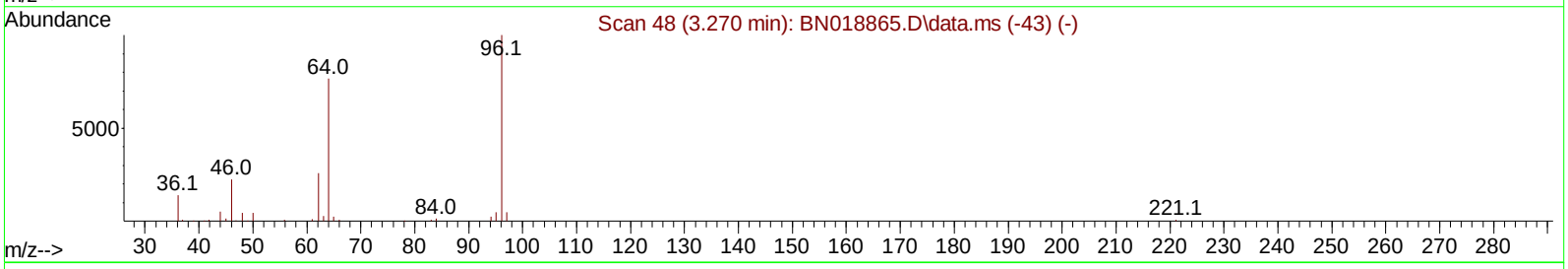

TIC: BN018878.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.270min (-0.000) 5.65 ng/uL m

response 18075

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	80.20	74.79
34.00	0.00	0.00
0.00	0.00	0.00

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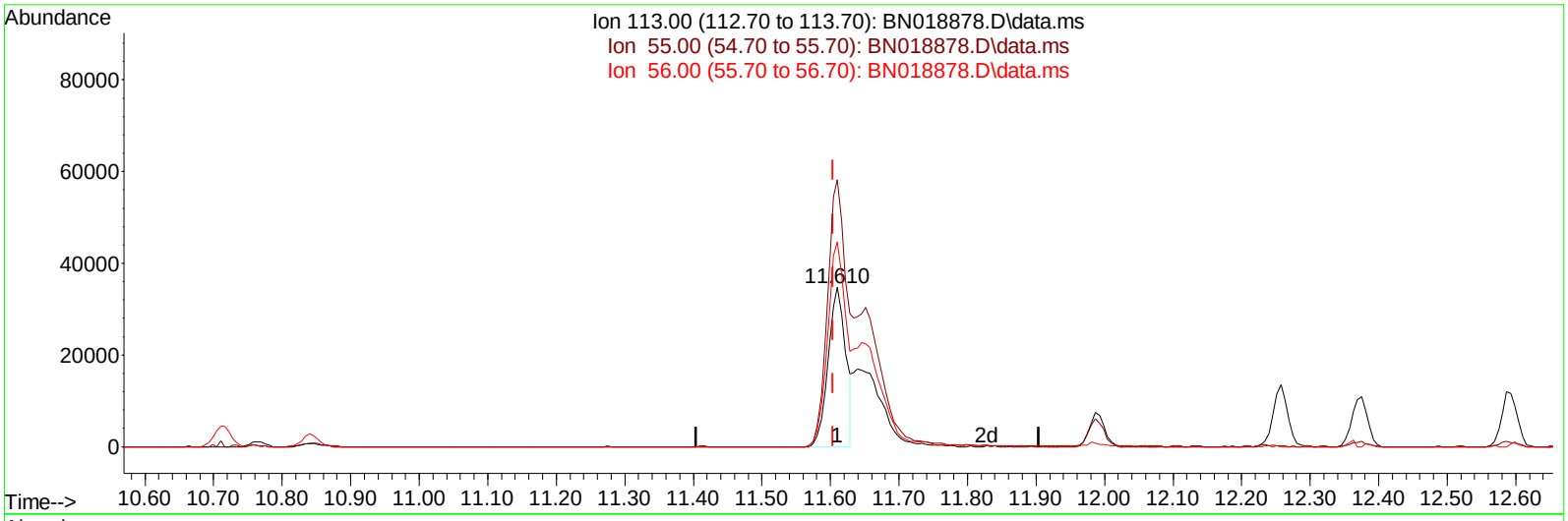

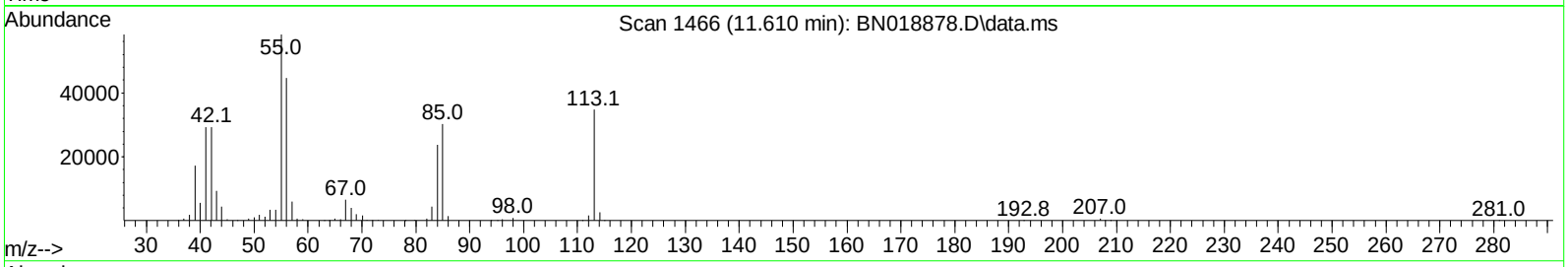

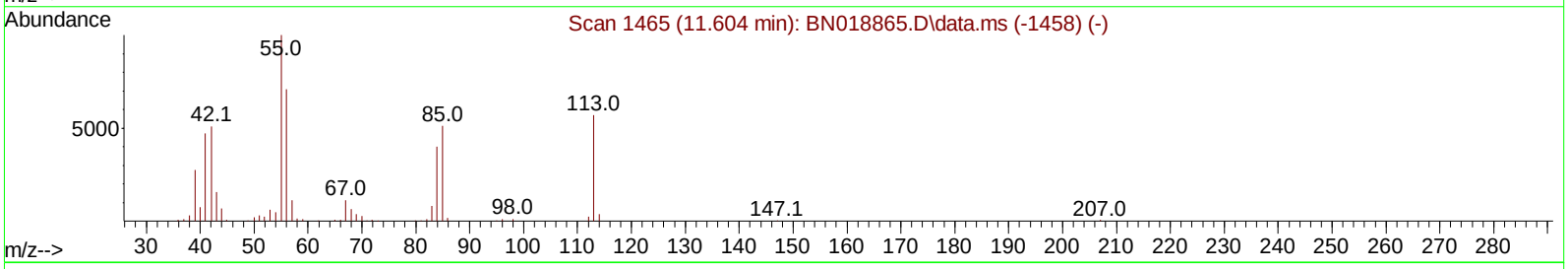

TIC: BN018878.D\data.ms

(34) Caprolactam

11.610min (+ 0.006) 17.38 ng/ul

response 61654

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	167.40
56.00	133.10	128.28
0.00	0.00	0.00

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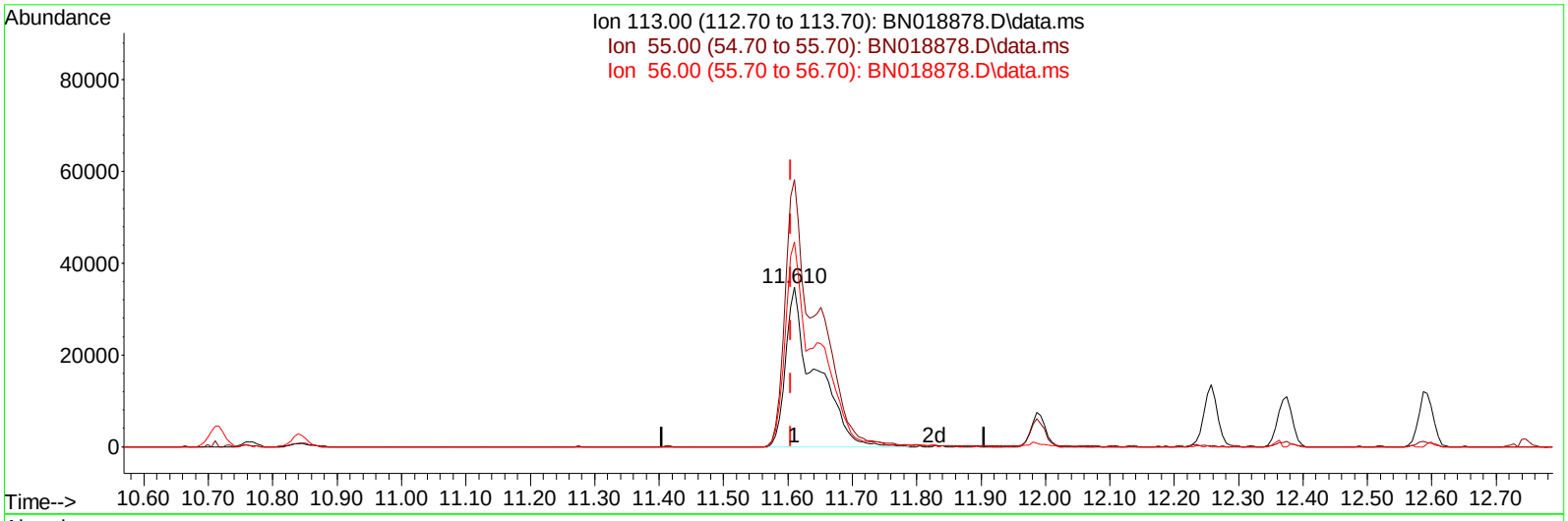

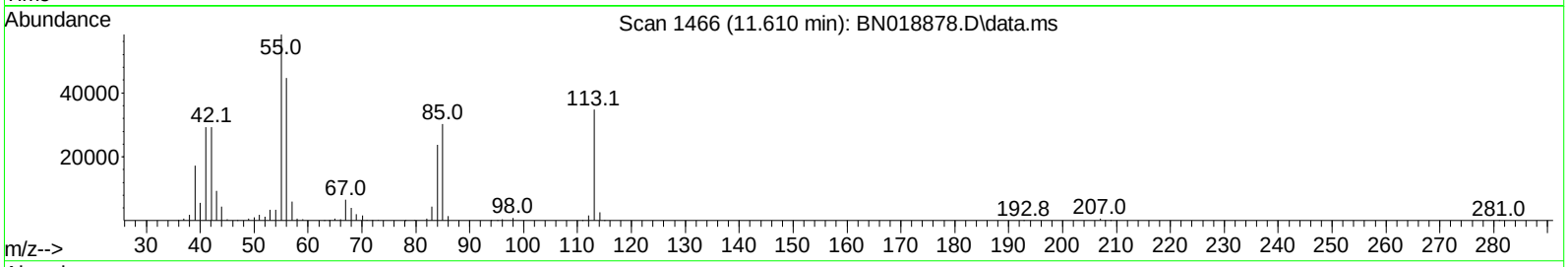

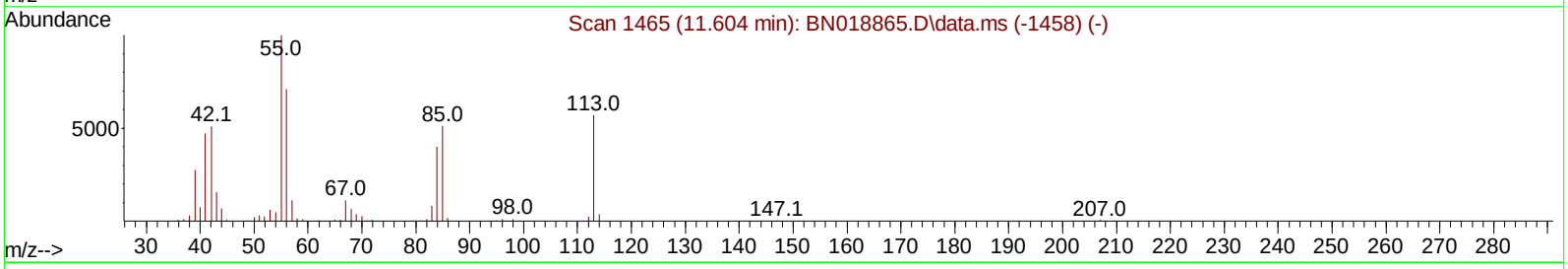

TIC: BN018878.D\data.ms

(34) Caprolactam

11.610min (+ 0.006) 31.80 ng/ul m

response 112778

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	167.40
56.00	133.10	128.28
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	7.905	152	128037	20.000	ng/ul	0.00
20) Naphthalene-d8	10.716	136	593755	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.540	164	412389	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.281	188	912181	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	963624	20.000	ng/ul	0.00
88) Perylene-d12	23.851	264	1099628	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	18075m	5.646	ng/uL	0.00
4) Pyridine-d5	3.687	84	258607	26.401	ng/ul	0.00
7) Phenol-d5	7.058	99	376518	30.121	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	222156	29.506	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	275915	30.800	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	308370	30.338	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	138824	30.438	ng/ul	0.00
24) 2-Nitrophenol-d4	9.793	143	162080	32.345	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	301270	31.431	ng/ul	0.00
31) 4-Chloroaniline-d4	10.840	131	353762	24.510	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	986775	31.604	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	1198859	30.847	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	199944	31.621	ng/ul	0.00
60) Fluorene-d10	15.528	176	830466	30.599	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	181749	32.150	ng/ul	0.00
73) Anthracene-d10	17.381	188	1358678	31.141	ng/ul	0.00
81) Pyrene-d10	19.669	212	1669185	32.009	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.698	264	1820679	31.769	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	36877	10.613	ng/uL	97
5) Pyridine	3.711	79	279683	27.685	ng/ul	97
6) Benzaldehyde	7.034	77	240758	37.820	ng/ul	96
8) Phenol	7.087	94	396464	30.314	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.322	93	298940	29.632	ng/ul	99
12) 2-Chlorophenol	7.463	128	289140	30.438	ng/ul	96
13) 2-Methylphenol	8.346	108	296726	30.390	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.440	45	423339	29.394	ng/ul	100
16) Acetophenone	8.728	105	472213	29.978	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.716	70	245032	30.523	ng/ul	100
18) 4-Methylphenol	8.675	108	330522	30.269	ng/ul	94
19) Hexachloroethane	8.993	117	108986	29.404	ng/ul	97
22) Nitrobenzene	9.105	77	360205	30.432	ng/ul	100
23) Isophorone	9.634	82	690802	30.539	ng/ul	100
25) 2-Nitrophenol	9.822	139	174277	31.294	ng/ul	99
26) 2,4-Dimethylphenol	9.881	107	369851	30.577	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.116	93	421436	29.513	ng/ul	98
29) 2,4-Dichlorophenol	10.357	162	303337	31.104	ng/ul	97
30) Naphthalene	10.763	128	973001	29.737	ng/ul	99
32) 4-Chloroaniline	10.863	127	373868	24.965	ng/ul	96
33) Hexachlorobutadiene	11.063	225	179165	29.243	ng/ul	96
34) Caprolactam	11.610	113	112778m	31.800	ng/ul	
35) 4-Chloro-3-methylphenol	11.987	107	364089	31.879	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.375	142	692167	30.088	ng/ul	99
37) 1-Methylnaphthalene	12.593	142	706767	29.751	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.746	216	369795	29.329	ng/ul	98
40) Hexachlorocyclopentadiene	12.728	237	201485	27.199	ng/ul	97
41) 2,4,6-Trichlorophenol	12.975	196	248645	30.507	ng/ul	96
42) 2,4,5-Trichlorophenol	13.046	196	280130	31.116	ng/ul	99
43) 1,1'-Biphenyl	13.375	154	954220	29.439	ng/ul	98
44) 2-Chloronaphthalene	13.422	162	747783	29.957	ng/ul	98
45) 2-Nitroaniline	13.616	65	240897	32.381	ng/ul	95
47) Dimethylphthalate	13.993	163	986066	30.802	ng/ul	98
48) 2,6-Dinitrotoluene	14.110	165	197821	32.248	ng/ul	100
50) Acenaphthylene	14.263	152	1240087	30.510	ng/ul	98
51) 3-Nitroaniline	14.434	138	192635	32.419	ng/ul	91
52) Acenaphthene	14.604	153	787939	29.615	ng/ul	99
53) 2,4-Dinitrophenol	14.640	184	113797	29.017	ng/ul	98
55) 4-Nitrophenol	14.734	109	174061	31.970	ng/ul	98
56) Dibenzofuran	14.940	168	1148696	29.887	ng/ul	100
57) 2,4-Dinitrotoluene	14.892	165	308728	33.438	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.163	232	236318	31.913	ng/ul	98
59) Diethylphthalate	15.357	149	1016045	31.890	ng/ul	99
61) Fluorene	15.587	166	911548	30.124	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.581	204	452553	30.360	ng/ul	98
63) 4-Nitroaniline	15.592	138	225292	40.717	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.657	198	183652	31.883	ng/ul	99
67) N-Nitrosodiphenylamine	15.787	169	823922	30.292	ng/ul	96
68) 4-Bromophenyl-phenylether	16.469	248	274865	29.233	ng/ul	94
69) Hexachlorobenzene	16.592	284	328856	30.503	ng/ul	98
70) Atrazine	16.734	200	317297	31.134	ng/ul	96
71) Pentachlorophenol	16.934	266	200747	29.884	ng/ul	99
72) Phenanthrene	17.322	178	1609405	30.970	ng/ul	99
74) Anthracene	17.410	178	1595563	30.790	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.345	216	393017	27.863	ng/uL	99
76) Pentachlorobenzene	14.863	250	396133	31.038	ng/uL	93
77) Carbazole	17.675	167	1491101	31.867	ng/ul	96
78) Di-n-butylphthalate	18.245	149	1693890	32.212	ng/ul	99
80) Fluoranthene	19.333	202	1947146	31.542	ng/ul	100
82) Pyrene	19.698	202	2024759	32.108	ng/ul	100
83) Butylbenzylphthalate	20.592	149	809424	33.716	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.369	252	654653	31.350	ng/ul	98
85) Benzo(a)anthracene	21.439	228	2066614	31.741	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.369	149	1191466	32.980	ng/ul	98
87) Chrysene	21.492	228	2012572	31.921	ng/ul	100
89) Di-n-octyl phthalate	22.292	149	2197506	31.888	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	2283236	30.694	ng/ul	98
91) Benzo(k)fluoranthene	23.169	252	2170421	31.441	ng/ul	97
93) Benzo(a)pyrene	23.745	252	2203544	30.602	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.345	276	2618192	32.825	ng/ul	99
95) Dibenzo(a,h)anthracene	26.357	278	2210561	31.260	ng/ul	97
96) Benzo(g,h,i)perylene	27.104	276	2250974	31.718	ng/ul	99

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

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