Quantitation Report (Qedit)

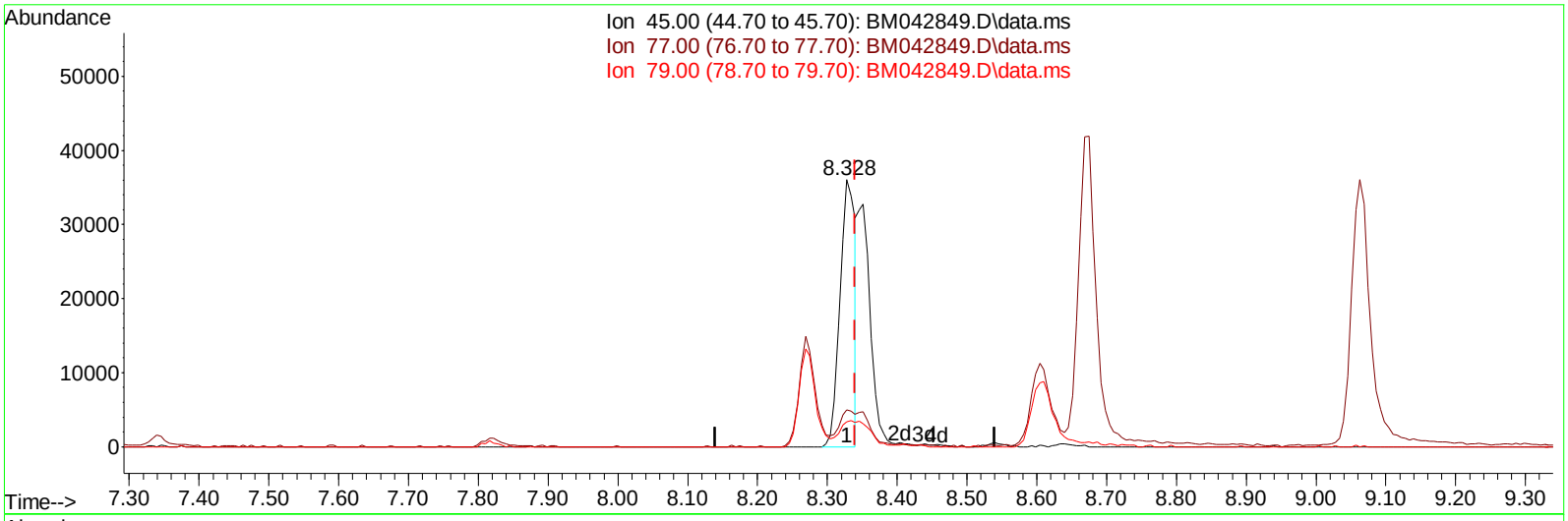
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042849.D
Acq On : 17 Nov 2023 18:15
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

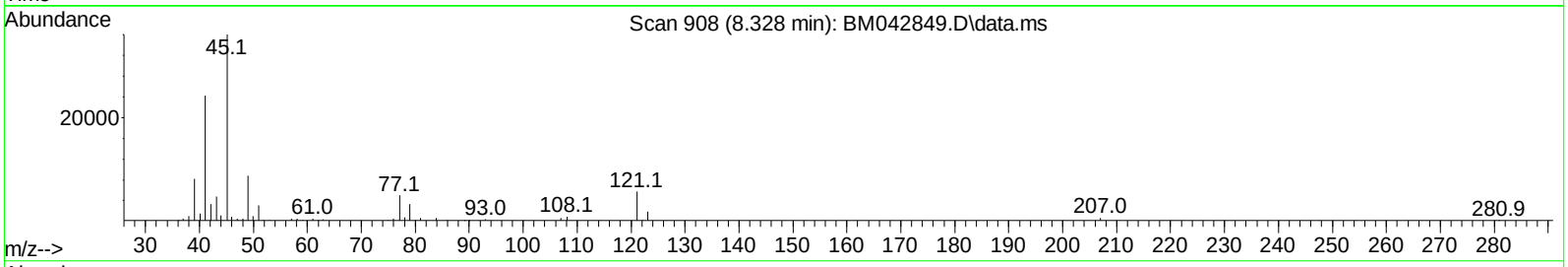
Quant Time: Nov 17 22:30:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 22:28:07 2023
Response via : Initial Calibration

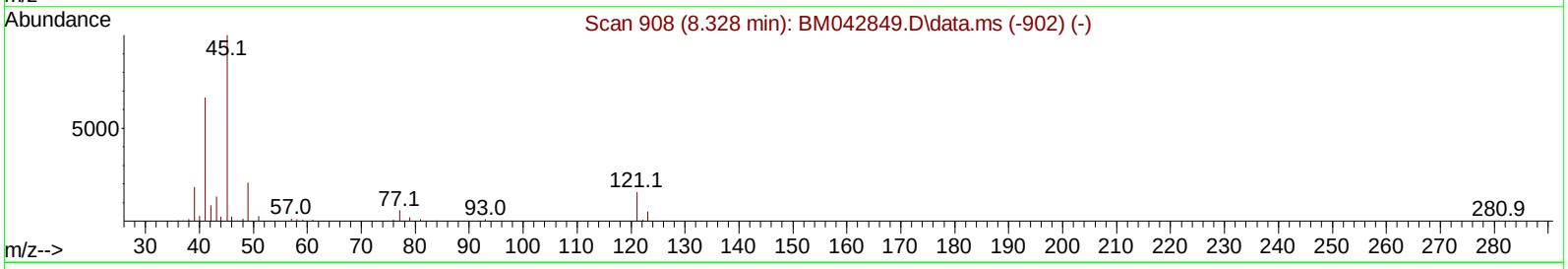
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023







TIC: BM042849.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.328min (-0.012) 13.09 ng/ul

response 54045

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	13.81
79.00	10.20	9.34
0.00	0.00	0.00

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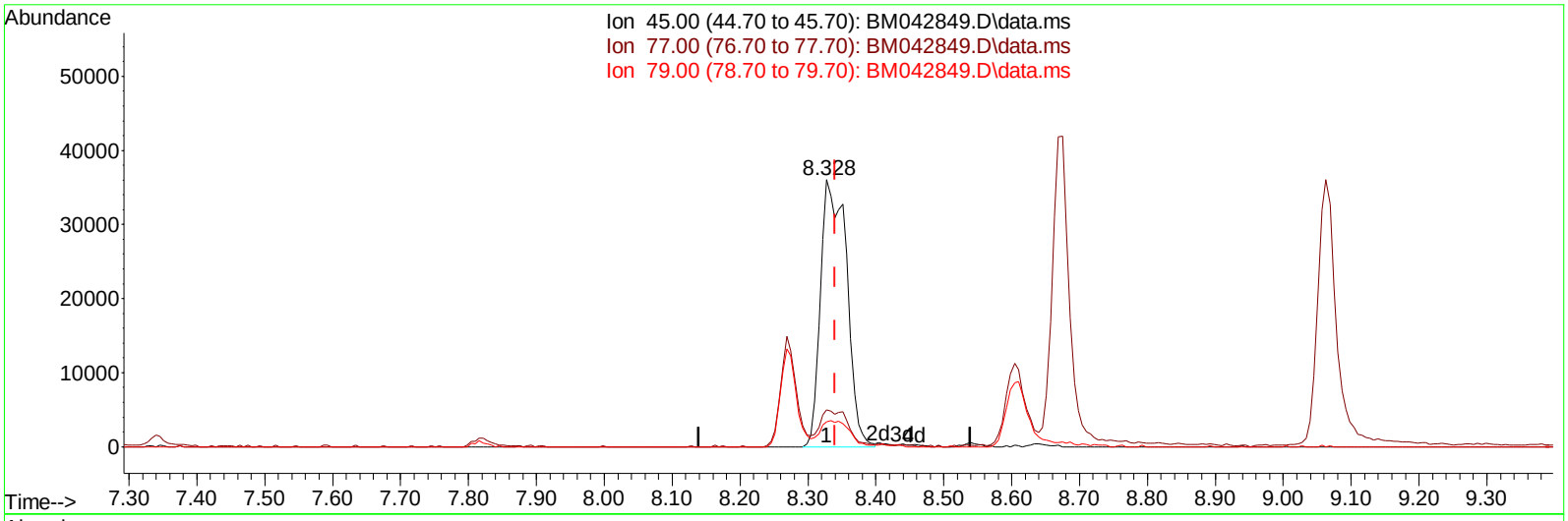

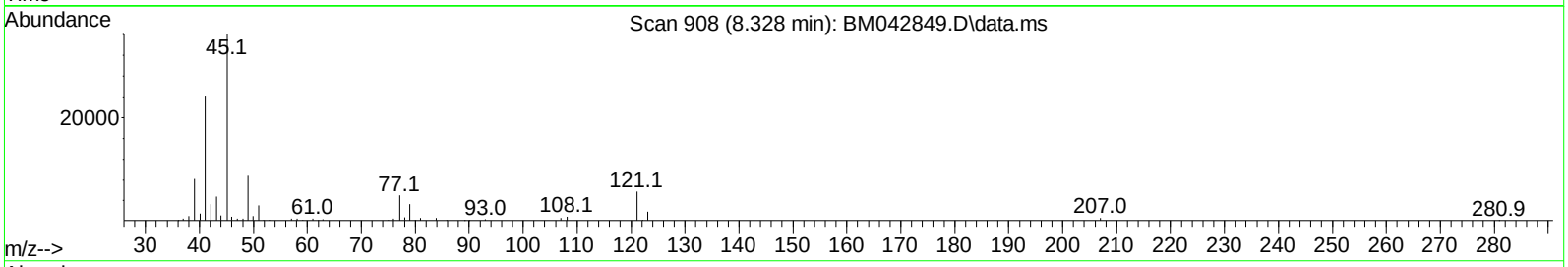

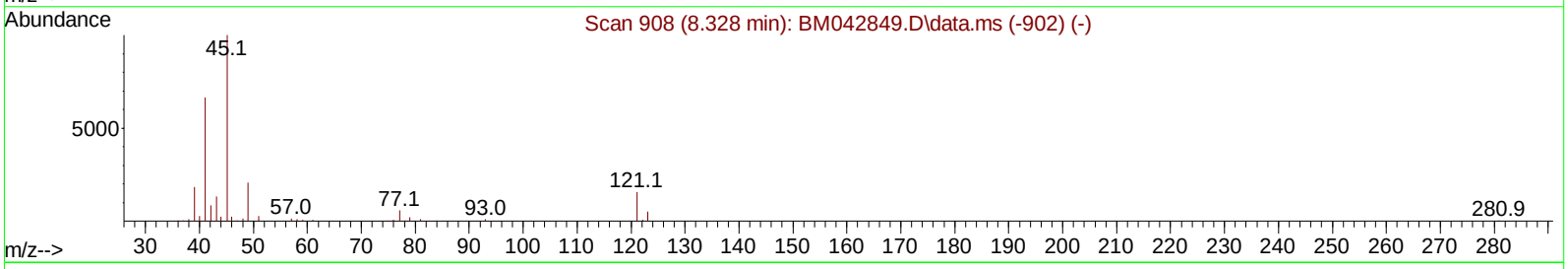

TIC: BM042849.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.328min (-0.012) 23.25 ng/ul m

response 95975

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	13.81
79.00	10.20	9.34
0.00	0.00	0.00

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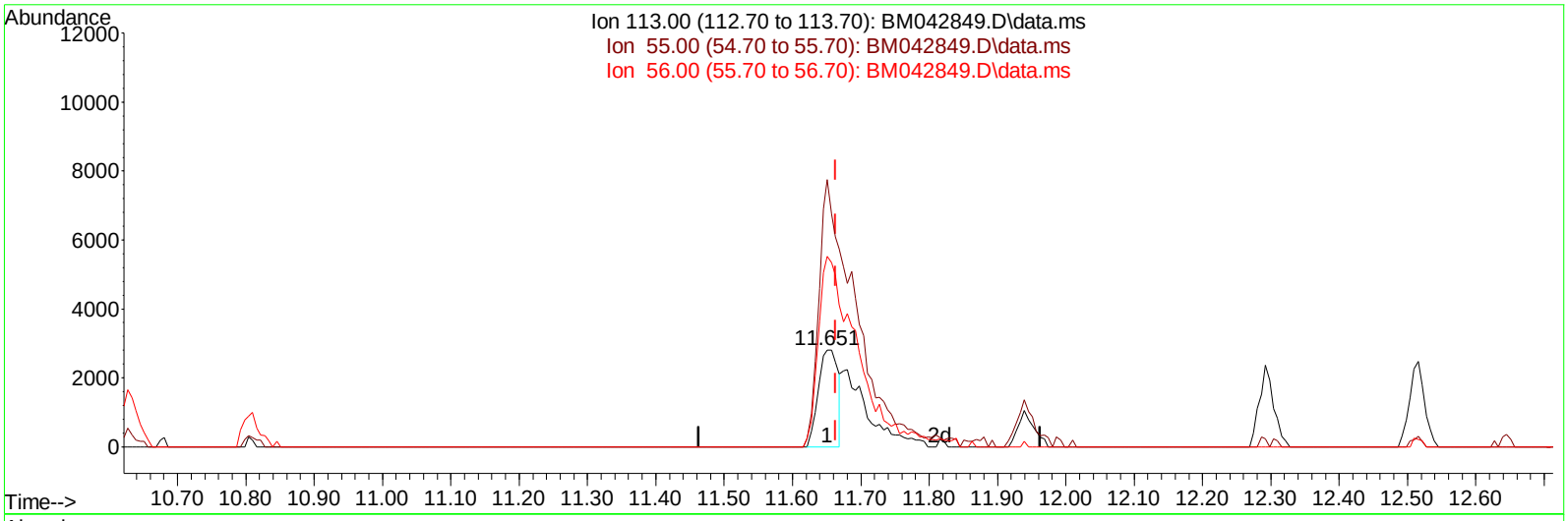

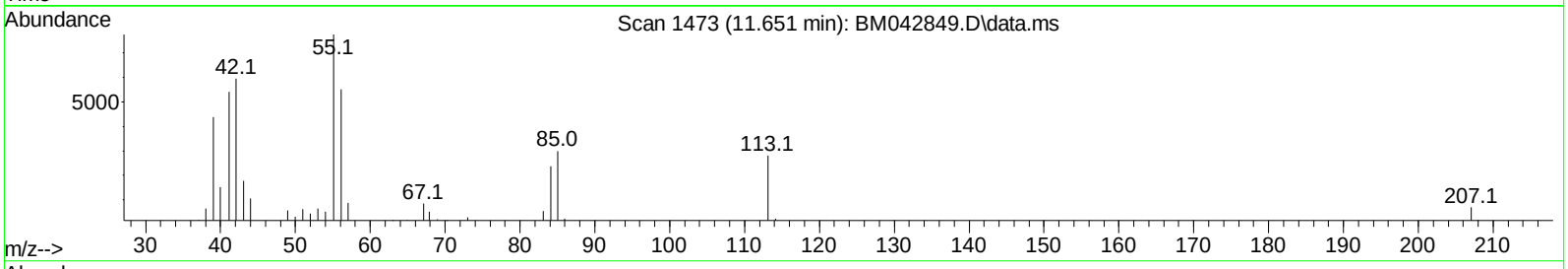

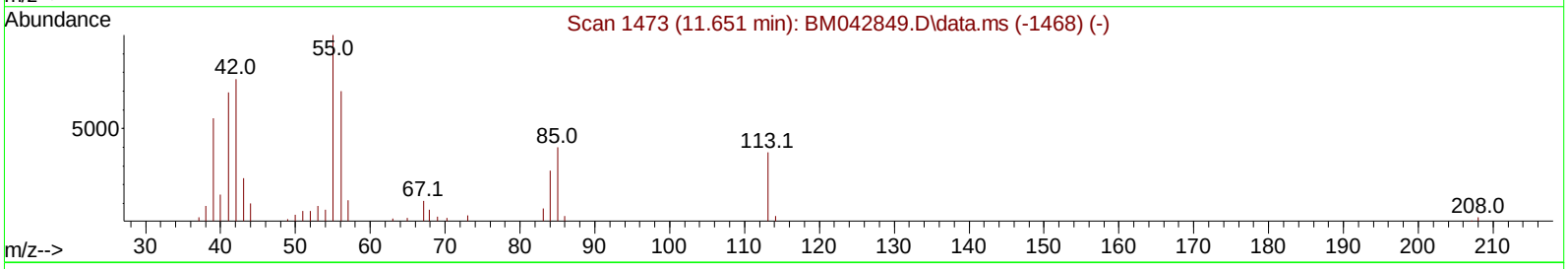

TIC: BM042849.D\data.ms

(34) Caprolactam

11.651min (-0.012) 8.79 ng/ul

response 5717

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	276.25#
56.00	167.90	196.83
0.00	0.00	0.00

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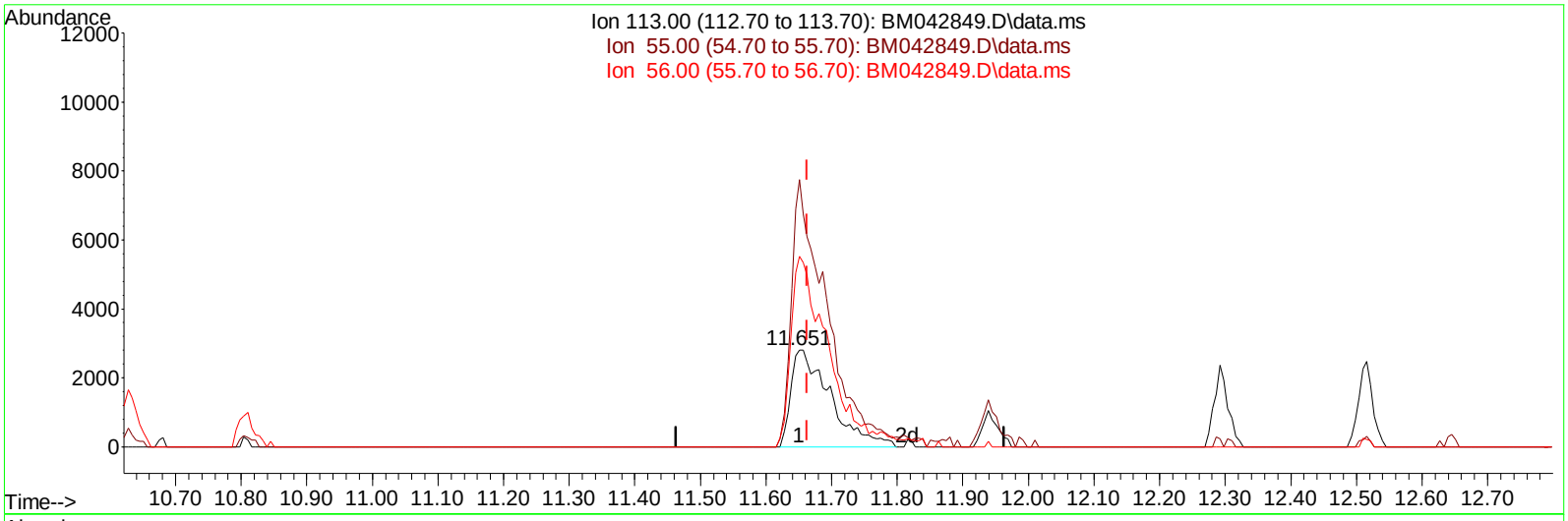

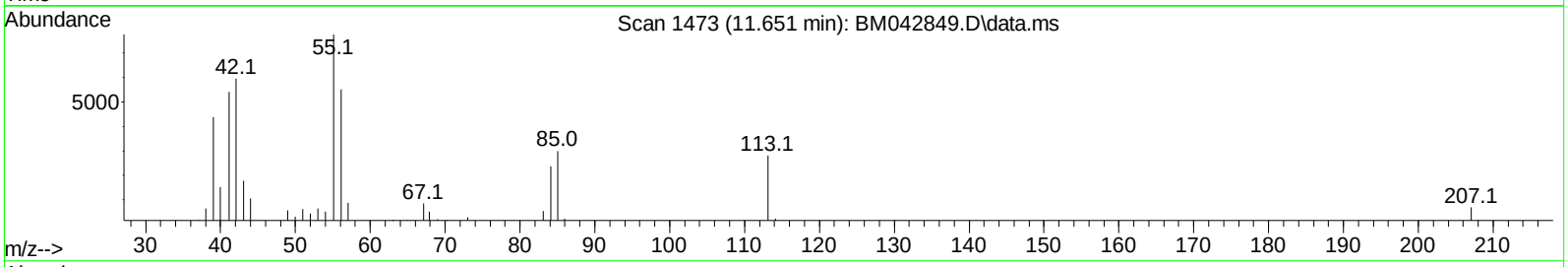

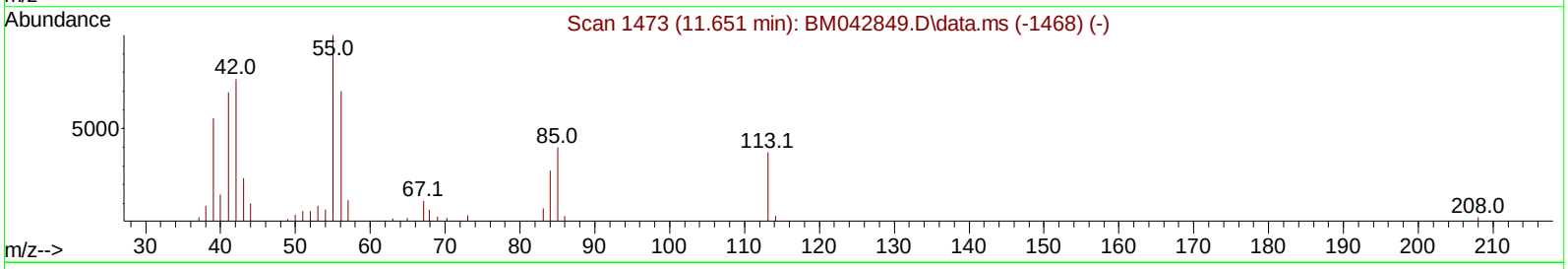

TIC: BM042849.D\data.ms

(34) Caprolactam

11.651min (-0.012) 18.02 ng/ul m

response 11718

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	276.25#
56.00	167.90	196.83
0.00	0.00	0.00

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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	7.816	152	28361	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.628	136	121435	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.474	164	82084	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.227	188	188664	20.000	ng/ul	-0.01
79) Chrysene-d12	21.415	240	211762	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	233560	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	7533	8.334	ng/uL	-0.01
4) Pyridine-d5	3.610	84	48949	21.772	ng/ul	0.00
7) Phenol-d5	6.987	99	57026	20.660	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	44532	22.960	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	42318	19.869	ng/ul	-0.01
15) 4-Methylphenol-d8	8.539	113	44867	20.644	ng/ul	-0.01
21) Nitrobenzene-d5	9.022	128	20443	19.201	ng/ul	0.00
24) 2-Nitrophenol-d4	9.733	143	21820	17.519	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	45235	19.533	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.804	131	54115	18.404	ng/ul	-0.01
46) Dimethylphthalate-d6	13.898	166	147484	18.984	ng/ul	0.00
49) Acenaphthylene-d8	14.174	160	162478	19.547	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.727	143	12684	14.451	ng/ul	-0.01
60) Fluorene-d10	15.468	176	123670	19.224	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.615	200	21898	15.323	ng/ul	-0.01
73) Anthracene-d10	17.327	188	198755	18.798	ng/ul	-0.01
81) Pyrene-d10	19.627	212	263125	18.975	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.615	264	274689	19.662	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.210	88	8993	9.343	ng/uL	94
5) Pyridine	3.628	79	53654	21.946	ng/ul	93
6) Benzaldehyde	6.987	77	39723	25.083	ng/ul	93
8) Phenol	7.010	94	56698	20.651	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.263	93	47944	21.140	ng/ul	95
12) 2-Chlorophenol	7.375	128	43060	20.315	ng/ul#	85
13) 2-Methylphenol	8.269	108	41482	20.261	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.328	45	95975m	23.247	ng/ul	
16) Acetophenone	8.675	105	73967	20.240	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.634	70	47860	21.514	ng/ul	91
18) 4-Methylphenol	8.604	108	43171	19.394	ng/ul	94
19) Hexachloroethane	8.869	117	24148	20.441	ng/ul	89
22) Nitrobenzene	9.063	77	67183	20.878	ng/ul	96
23) Isophorone	9.569	82	127433	19.884	ng/ul	97
25) 2-Nitrophenol	9.763	139	23176	18.315	ng/ul	91
26) 2,4-Dimethylphenol	9.804	107	52143	19.259	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.057	93	65774	20.309	ng/ul	99
29) 2,4-Dichlorophenol	10.281	162	42683	19.467	ng/ul	97
30) Naphthalene	10.680	128	146751	19.290	ng/ul	99
32) 4-Chloroaniline	10.828	127	52642	18.661	ng/ul	93
33) Hexachlorobutadiene	10.904	225	35821	18.495	ng/ul	96
34) Caprolactam	11.651	113	11718m	18.024	ng/ul	
35) 4-Chloro-3-methylphenol	11.939	107	46740	19.894	ng/ul	97

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.292	142	97743	19.170	ng/ul	99
37) 1-Methylnaphthalene	12.516	142	103112	19.234	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.645	216	62168	19.311	ng/ul	97
40) Hexachlorocyclopentadiene	12.586	237	28193	18.498	ng/ul	96
41) 2,4,6-Trichlorophenol	12.910	196	37198	18.917	ng/ul	97
42) 2,4,5-Trichlorophenol	12.986	196	35859	18.886	ng/ul	96
43) 1,1'-Biphenyl	13.310	154	133245	19.465	ng/ul	98
44) 2-Chloronaphthalene	13.357	162	107785	19.572	ng/ul	98
45) 2-Nitroaniline	13.610	65	37354	20.798	ng/ul	88
47) Dimethylphthalate	13.945	163	145115	19.178	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	25960	18.262	ng/ul	91
50) Acenaphthylene	14.204	152	182053	19.546	ng/ul	99
51) 3-Nitroaniline	14.445	138	19861	17.086	ng/ul	100
52) Acenaphthene	14.539	153	124791	19.811	ng/ul	98
53) 2,4-Dinitrophenol	14.657	184	13166	18.627	ng/ul	91
55) 4-Nitrophenol	14.739	109	24030	17.398	ng/ul	97
56) Dibenzofuran	14.874	168	171136	19.575	ng/ul	98
57) 2,4-Dinitrotoluene	14.886	165	40121	19.224	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.098	232	37686	19.121	ng/ul#	96
59) Diethylphthalate	15.292	149	148858	18.761	ng/ul	99
61) Fluorene	15.527	166	147040	19.809	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.515	204	79044	19.759	ng/ul	98
63) 4-Nitroaniline	15.615	138	20284	19.140	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.633	198	23106	15.881	ng/ul#	85
67) N-Nitrosodiphenylamine	15.745	169	113836	19.238	ng/ul	98
68) 4-Bromophenyl-phenylether	16.415	248	47143	18.773	ng/ul	95
69) Hexachlorobenzene	16.498	284	56608	18.439	ng/ul	93
70) Atrazine	16.698	200	42801	18.779	ng/ul	100
71) Pentachlorophenol	16.868	266	29800	16.857	ng/ul	97
72) Phenanthrene	17.268	178	230181	19.530	ng/ul	98
74) Anthracene	17.362	178	233681	19.711	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.263	216	65481	19.628	ng/uL	99
76) Pentachlorobenzene	14.768	250	67188	19.195	ng/uL	100
77) Carbazole	17.656	167	182964	18.690	ng/ul	98
78) Di-n-butylphthalate	18.174	149	259591	18.135	ng/ul	99
80) Fluoranthene	19.286	202	288043	18.218	ng/ul	99
82) Pyrene	19.656	202	312616	18.647	ng/ul	99
83) Butylbenzylphthalate	20.539	149	127871	17.858	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.344	252	88589	16.346	ng/ul	99
85) Benzo(a)anthracene	21.397	228	322696	19.412	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	175329	16.138	ng/ul	98
87) Chrysene	21.450	228	303816	18.845	ng/ul	99
89) Di-n-octyl phthalate	22.191	149	313855	16.636	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	319282	20.031	ng/ul	99
91) Benzo(k)fluoranthene	23.091	252	322430	19.003	ng/ul	99
93) Benzo(a)pyrene	23.668	252	312802	20.140	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.232	276	383957	19.891	ng/ul	99
95) Dibenzo(a,h)anthracene	26.244	278	315574	19.719	ng/ul	98
96) Benzo(g,h,i)perylene	26.997	276	309830	20.213	ng/ul	99

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

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