Quantitation Report (Qedit)

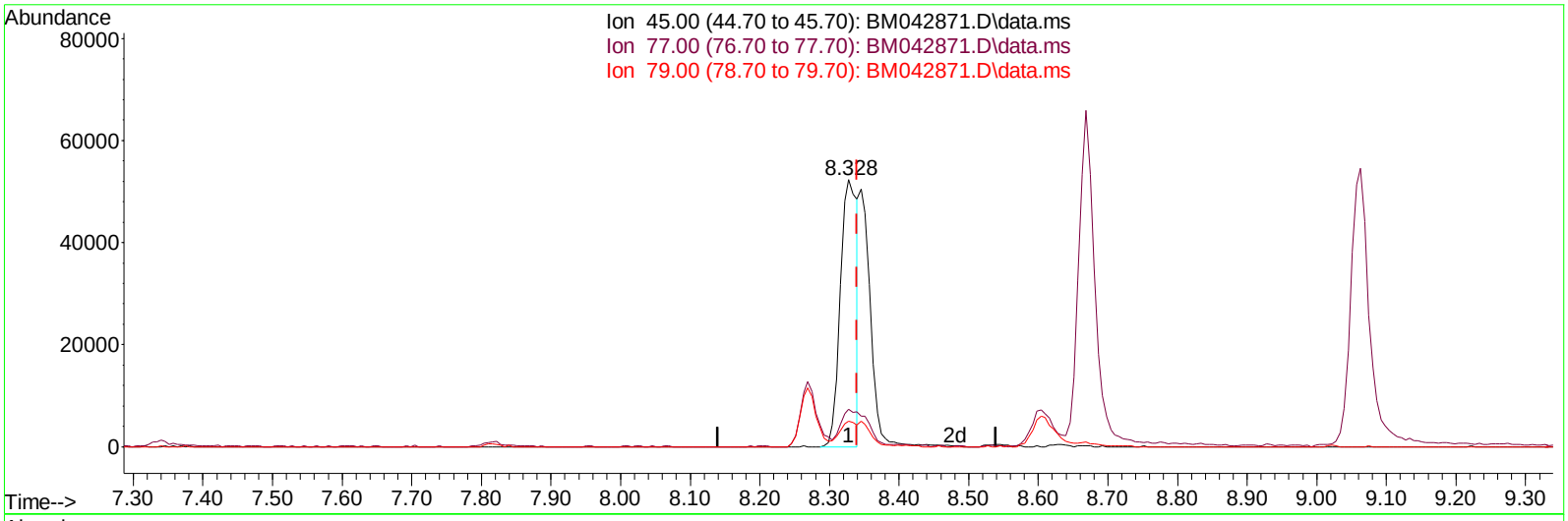
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042871.D
Acq On : 18 Nov 2023 08:14
Operator : MA/JU
Sample : 05226-10MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

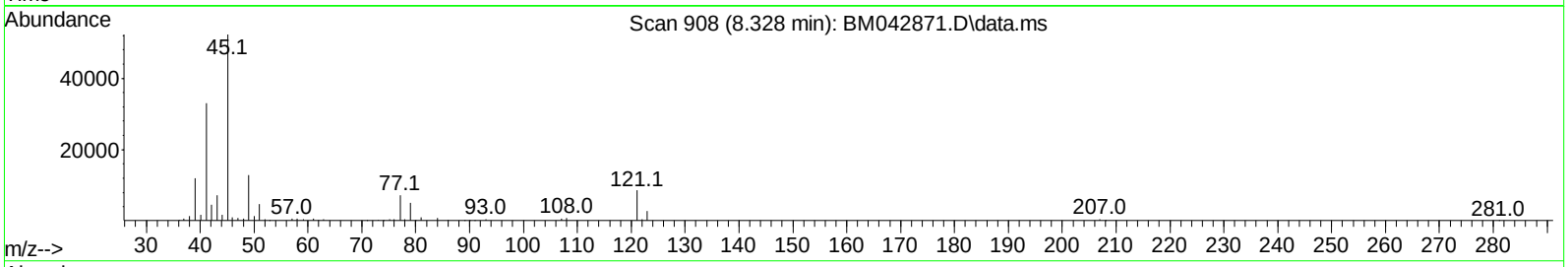
Quant Time: Nov 18 21:07:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 22:28:07 2023
Response via : Initial Calibration

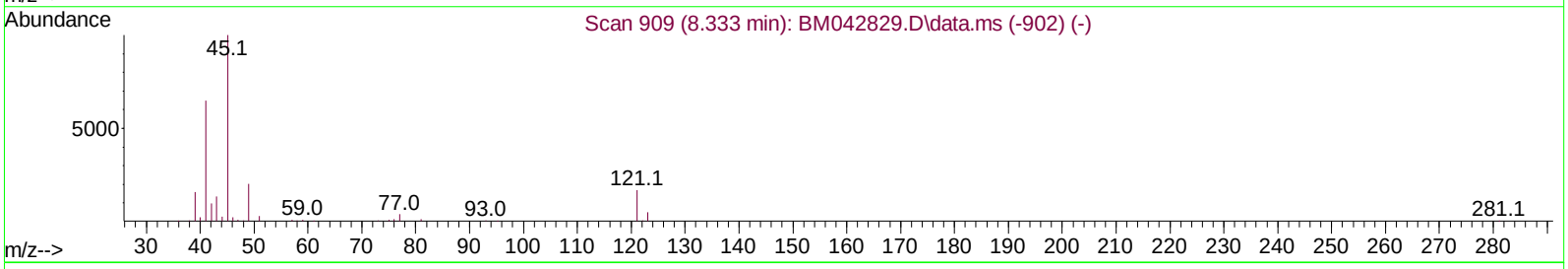
Instrument :
BNA_M
ClientSampleId :
YCG47MSD

Manual IntegrationsAPPROVED

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







TIC: BM042871.D\data.ms

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

8.328min (-0.012) 25.95 ng/ul

response 87841

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	13.95
79.00	10.20	9.60
0.00	0.00	0.00

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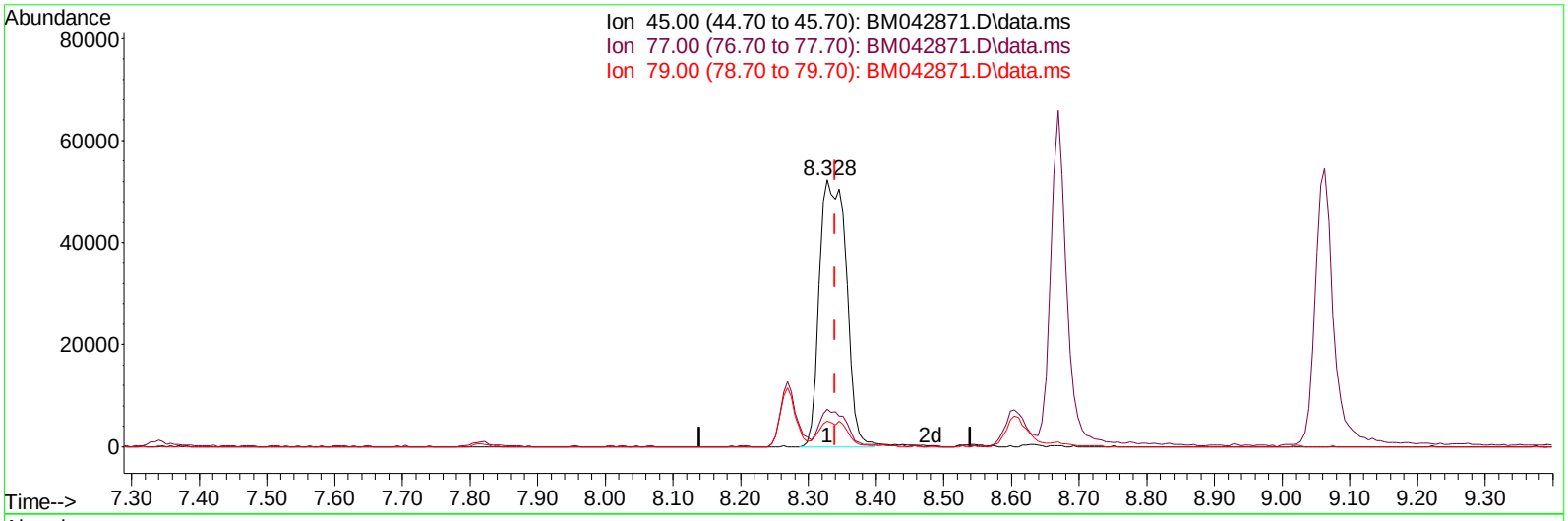

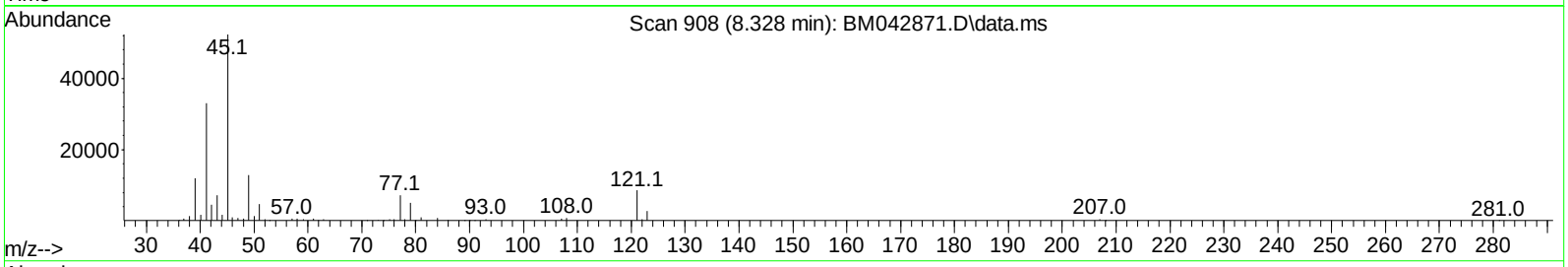

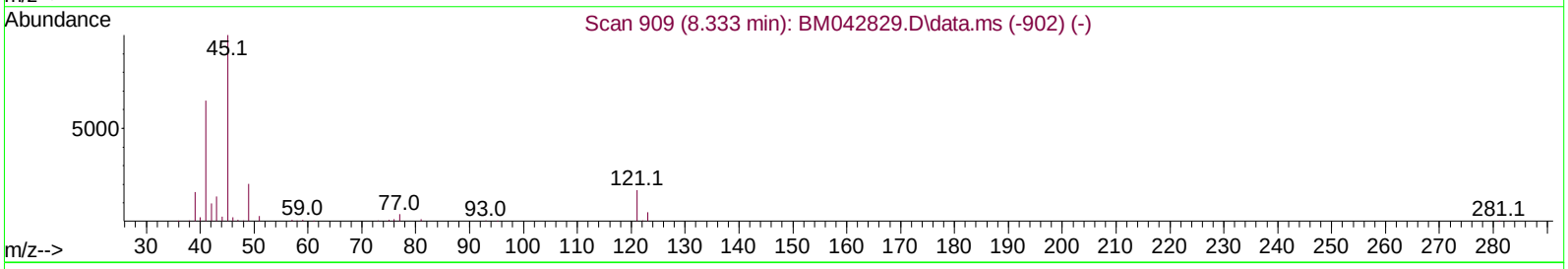

TIC: BM042871.D\data.ms

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

8.328min (-0.012) 42.38 ng/ul m

response 143466

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	13.95
79.00	10.20	9.60
0.00	0.00	0.00

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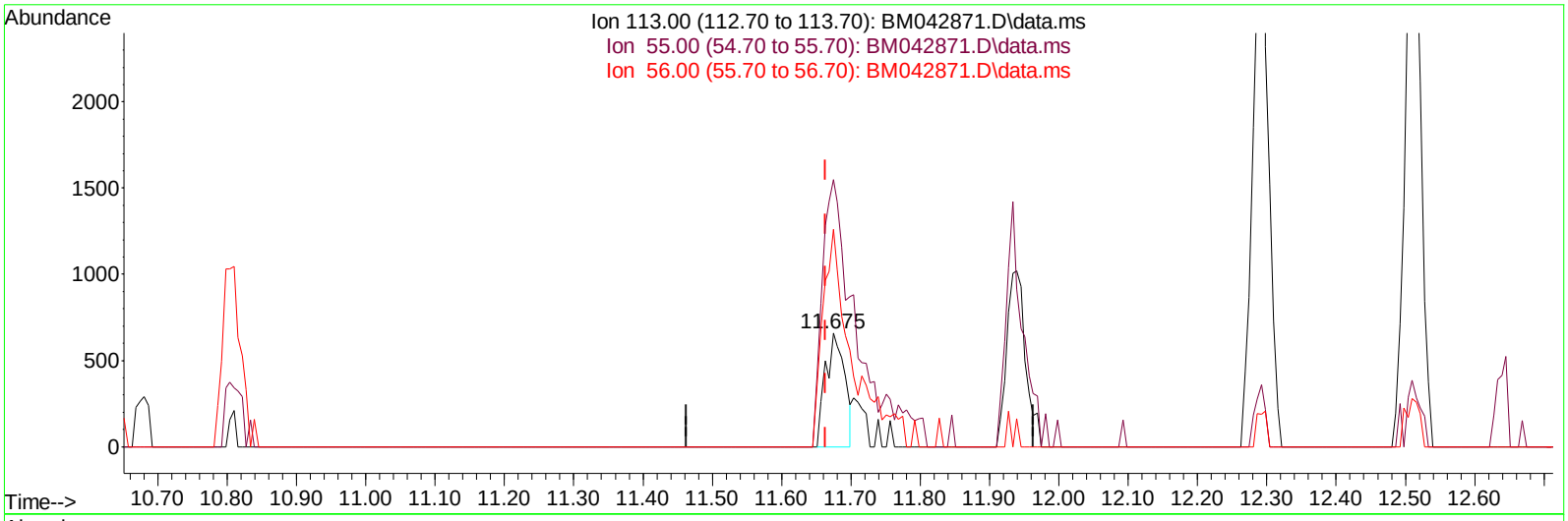

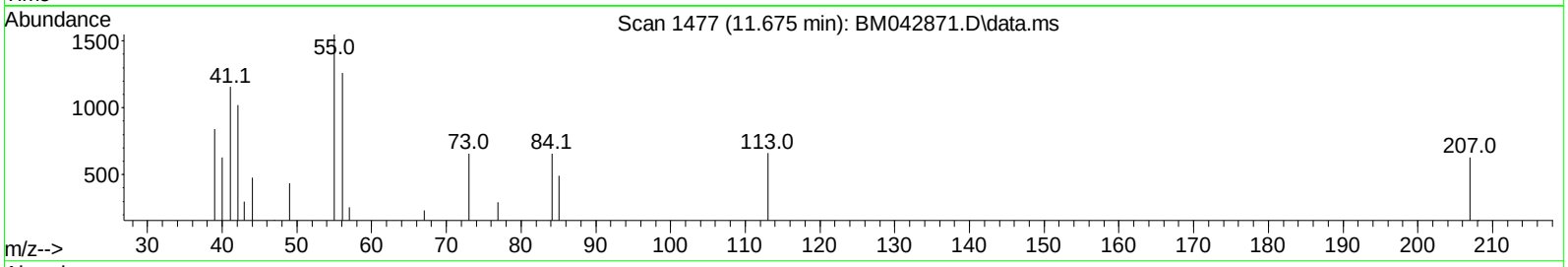

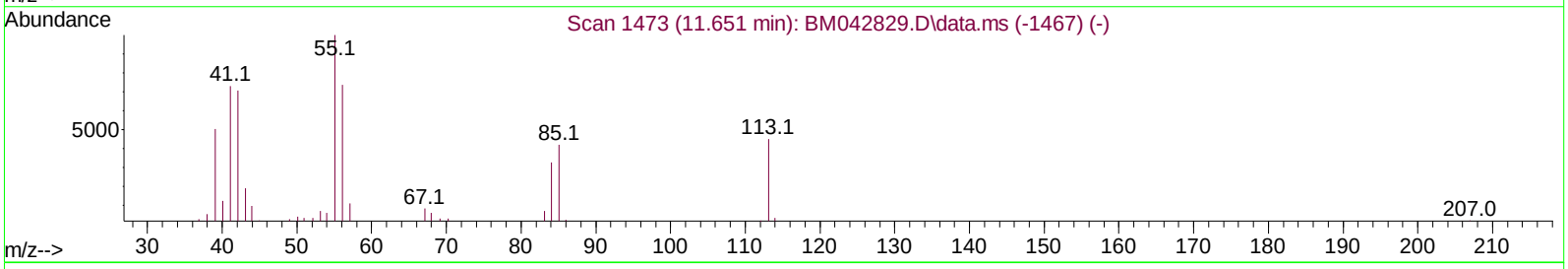

TIC: BM042871.D\data.ms

(34) Caprolactam

11.675min (+ 0.012) 2.37 ng/ul

response 1258

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	234.55
56.00	167.90	190.91
0.00	0.00	0.00

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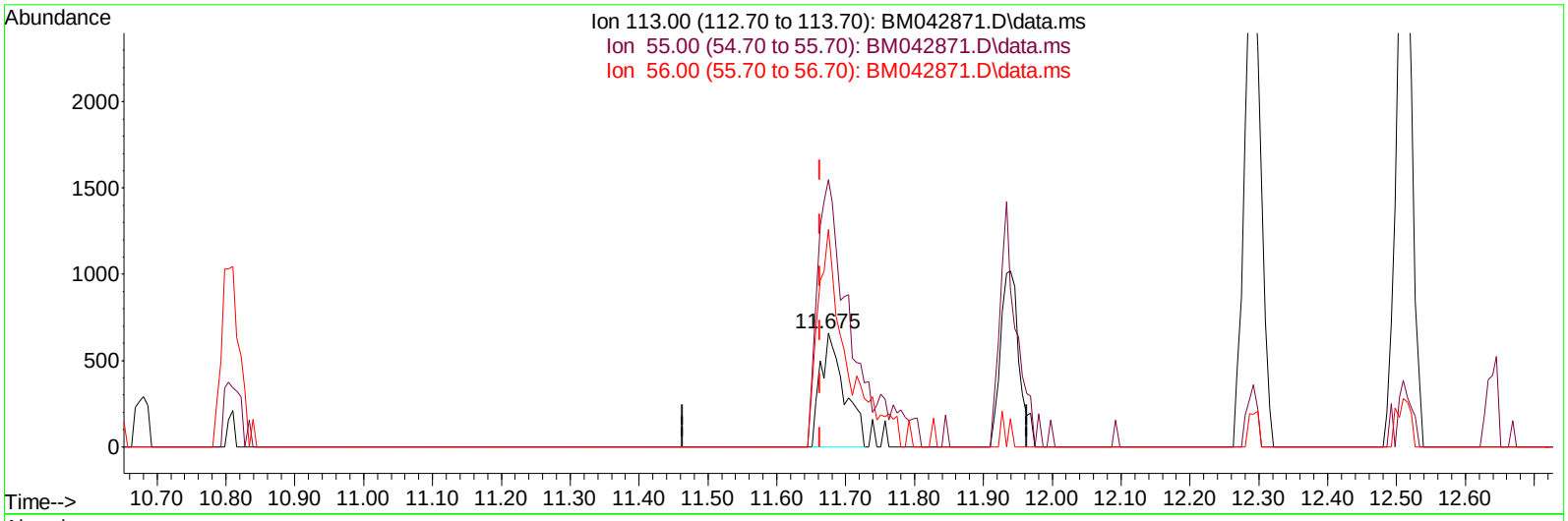

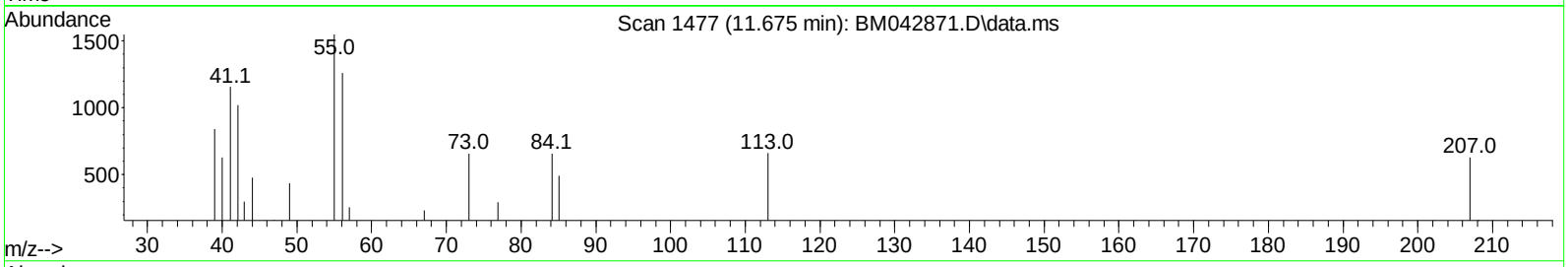

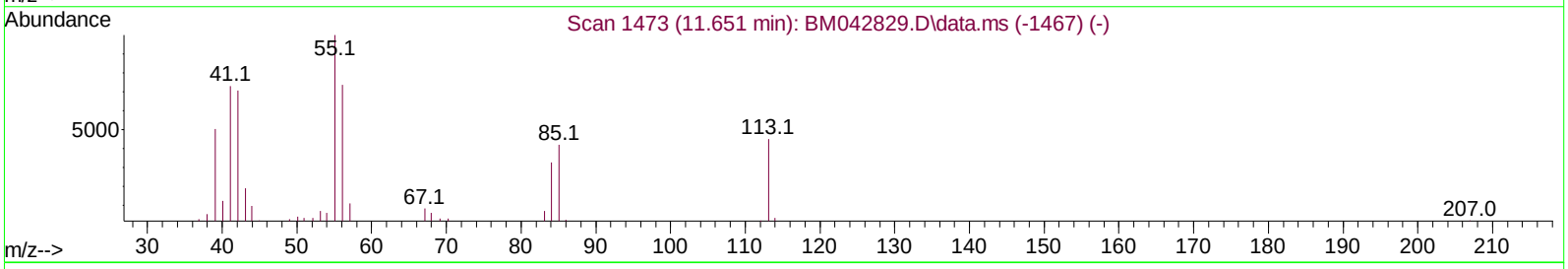

TIC: BM042871.D\data.ms

(34) Caprolactam

11.675min (+ 0.012) 3.00 ng/ul m

response 1593

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	234.55
56.00	167.90	190.91
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	23256	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.628	136	99203	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.474	164	65955	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.227	188	150290	20.000	ng/ul	-0.01
79) Chrysene-d12	21.409	240	177734	20.000	ng/ul	-0.01
88) Perylene-d12	23.768	264	184872	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	3320	4.479	ng/uL	-0.01
4) Pyridine-d5	3.616	84	19741	10.708	ng/ul	0.00
7) Phenol-d5	6.992	99	10992	4.856	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	57927	36.422	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.340	132	39754	22.763	ng/ul	-0.01
15) 4-Methylphenol-d8	8.539	113	27989	15.705	ng/ul	-0.01
21) Nitrobenzene-d5	9.016	128	26690	30.687	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.728	143	27717	27.241	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.251	165	51004	26.959	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.804	131	66666	27.753	ng/ul	-0.01
46) Dimethylphthalate-d6	13.898	166	199903	32.025	ng/ul	0.00
49) Acenaphthylene-d8	14.174	160	215811	32.312	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.763	143	16006	22.696	ng/ul	0.02
60) Fluorene-d10	15.468	176	172341	33.341	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.615	200	33063	29.043	ng/ul	-0.01
73) Anthracene-d10	17.327	188	283943	33.712	ng/ul	-0.01
81) Pyrene-d10	19.621	212	374585	32.184	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.615	264	387318	35.025	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.210	88	3901	4.942	ng/uL#	89
5) Pyridine	3.634	79	25715	12.827	ng/ul#	88
6) Benzaldehyde	6.981	77	54274	41.794	ng/ul	94
8) Phenol	7.016	94	13949	6.196	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.257	93	67805	36.460	ng/ul	89
12) 2-Chlorophenol	7.369	128	45364	26.100	ng/ul	90
13) 2-Methylphenol	8.269	108	36038	21.466	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.328	45	143466m	42.378	ng/ul	
16) Acetophenone	8.669	105	107939	36.020	ng/ul	89
17) N-Nitroso-di-n-propyla...	8.634	70	70805	38.814	ng/ul	87
18) 4-Methylphenol	8.604	108	32137	17.606	ng/ul	95
19) Hexachloroethane	8.869	117	33472	34.552	ng/ul	88
22) Nitrobenzene	9.063	77	99233	37.749	ng/ul	95
23) Isophorone	9.569	82	189451	36.185	ng/ul	97
25) 2-Nitrophenol	9.763	139	32741	31.672	ng/ul	92
26) 2,4-Dimethylphenol	9.804	107	59731	27.006	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.057	93	98587	37.263	ng/ul	98
29) 2,4-Dichlorophenol	10.281	162	55053	30.735	ng/ul	99
30) Naphthalene	10.680	128	216070	34.766	ng/ul	99
32) 4-Chloroaniline	10.833	127	66642	28.918	ng/ul	97
33) Hexachlorobutadiene	10.898	225	52086	32.919	ng/ul	98
34) Caprolactam	11.675	113	1593m	2.999	ng/ul	
35) 4-Chloro-3-methylphenol	11.933	107	55560	28.948	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	12.292	142	147025	35.297	ng/ul	98
37) 1-Methylnaphthalene	12.510	142	149623	34.165	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.645	216	95107	36.768	ng/ul	99
40) Hexachlorocyclopentadiene	12.580	237	24828	20.274	ng/ul	93
41) 2,4,6-Trichlorophenol	12.904	196	54696	34.618	ng/ul	99
42) 2,4,5-Trichlorophenol	12.980	196	53588	35.125	ng/ul	99
43) 1,1'-Biphenyl	13.304	154	209979	38.175	ng/ul#	97
44) 2-Chloronaphthalene	13.357	162	163810	37.020	ng/ul	97
45) 2-Nitroaniline	13.604	65	62915	43.597	ng/ul	91
47) Dimethylphthalate	13.945	163	220655	36.293	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	42179	36.927	ng/ul	96
50) Acenaphthylene	14.204	152	280383	37.466	ng/ul	99
51) 3-Nitroaniline	14.439	138	32599	34.902	ng/ul	90
52) Acenaphthene	14.539	153	191052	37.748	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	15080	26.552	ng/ul#	80
55) 4-Nitrophenol	14.763	109	10141	9.138	ng/ul#	27
56) Dibenzofuran	14.874	168	270499	38.506	ng/ul	99
57) 2,4-Dinitrotoluene	14.880	165	64491	38.458	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.092	232	57428	36.262	ng/ul#	99
59) Diethylphthalate	15.292	149	232161	36.415	ng/ul	100
61) Fluorene	15.521	166	238037	39.911	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.515	204	128090	39.850	ng/ul	97
63) 4-Nitroaniline	15.610	138	32031	37.616	ng/ul#	87
66) 4,6-Dinitro-2-methylph...	15.633	198	38989	33.641	ng/ul	95
67) N-Nitrosodiphenylamine	15.745	169	178862	37.945	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	74045	37.013	ng/ul	93
69) Hexachlorobenzene	16.492	284	90671	37.076	ng/ul	99
70) Atrazine	16.692	200	64245	35.384	ng/ul	98
71) Pentachlorophenol	16.862	266	44563	31.644	ng/ul	97
72) Phenanthrene	17.268	178	374408	39.877	ng/ul	98
74) Anthracene	17.362	178	377402	39.962	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.263	216	96614	36.355	ng/uL	96
76) Pentachlorobenzene	14.768	250	104733	37.560	ng/uL	99
77) Carbazole	17.657	167	301964	38.723	ng/ul	99
78) Di-n-butylphthalate	18.174	149	408821	35.852	ng/ul	98
80) Fluoranthene	19.286	202	481530	36.286	ng/ul	98
82) Pyrene	19.651	202	522924	37.164	ng/ul	97
83) Butylbenzylphthalate	20.533	149	193962	32.273	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.345	252	132784	29.191	ng/ul	98
85) Benzo(a)anthracene	21.397	228	529054	37.920	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	283365	31.076	ng/ul	98
87) Chrysene	21.450	228	516800	38.194	ng/ul	100
89) Di-n-octyl phthalate	22.186	149	493559	33.050	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	525973	41.689	ng/ul	99
91) Benzo(k)fluoranthene	23.091	252	533362	39.713	ng/ul	99
93) Benzo(a)pyrene	23.668	252	492732	40.079	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.232	276	619649	40.556	ng/ul	98
95) Dibenzo(a,h)anthracene	26.244	278	505116	39.876	ng/ul	99
96) Benzo(g,h,i)perylene	26.997	276	483669	39.865	ng/ul	99

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

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