Quantitation Report (Qedit)

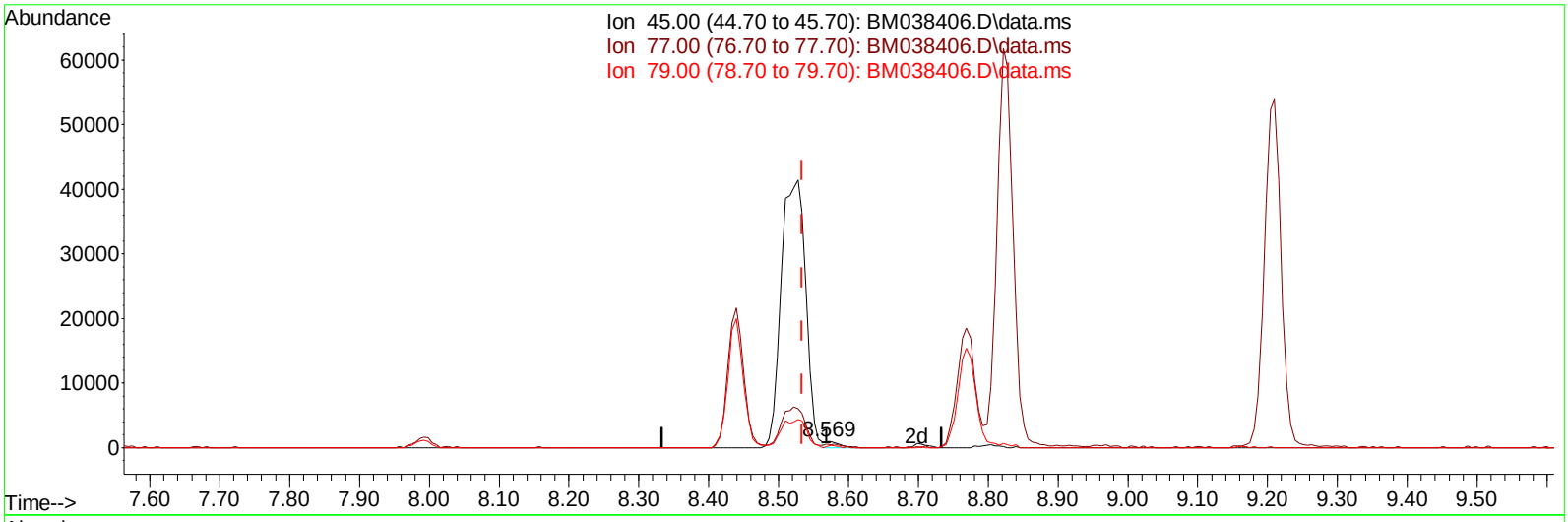
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010923\
Data File : BM038406.D
Acq On : 09 Jan 2023 09:06
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

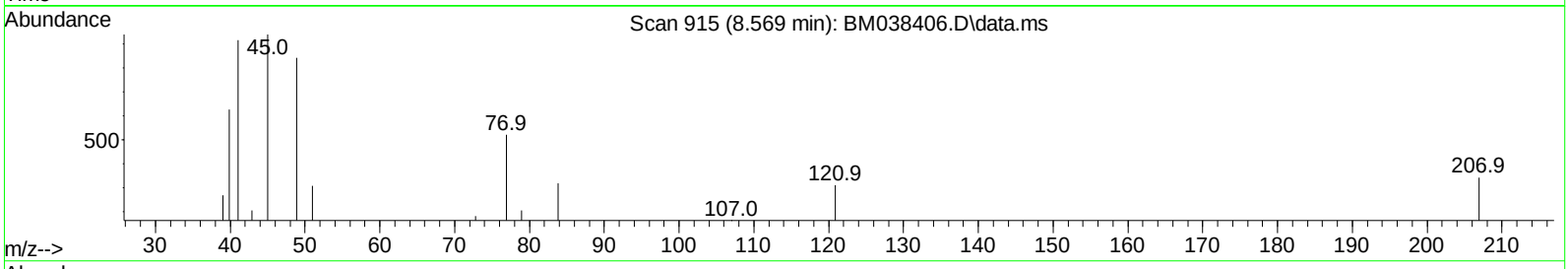
Quant Time: Jan 10 01:07:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010423.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 02:11:50 2023
Response via : Initial Calibration

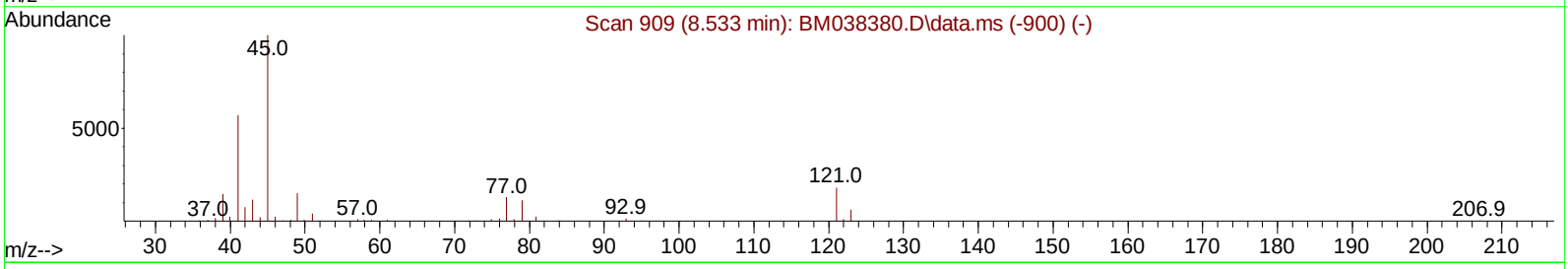
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023







TIC: BM038406.D\data.ms

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

8.569min (+ 0.035) 0.22 ng/ul

response 1281

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	55.48#
79.00	10.80	21.73#
0.00	0.00	0.00

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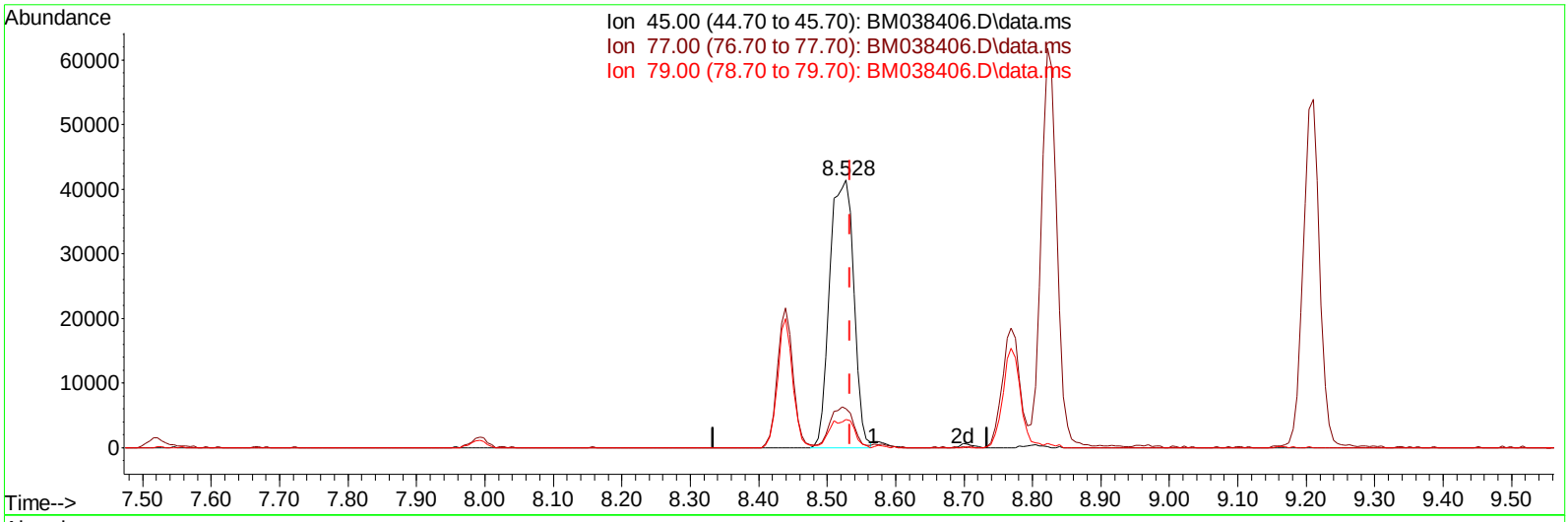

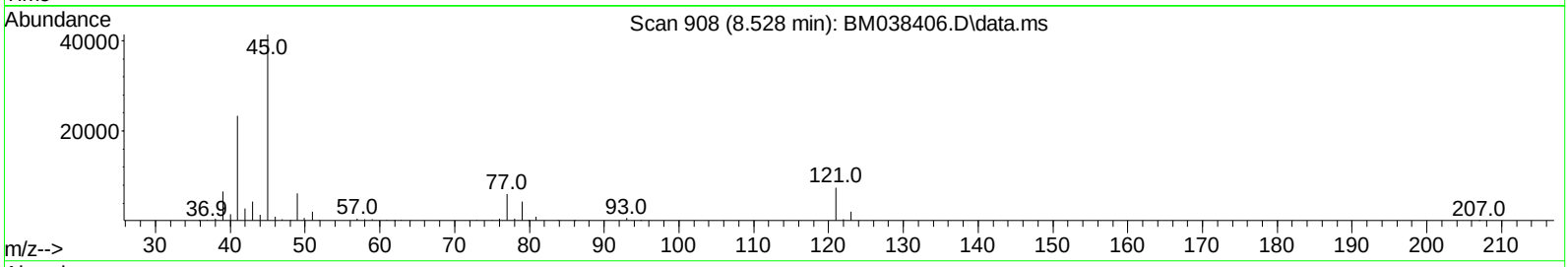

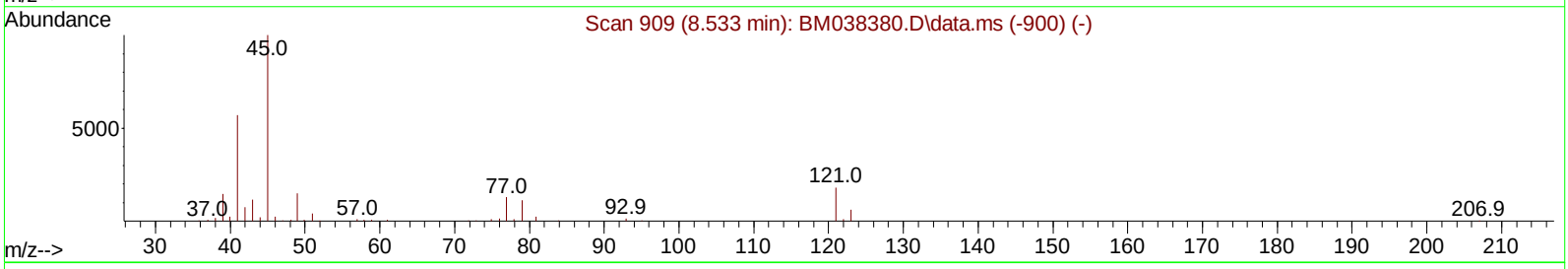

TIC: BM038406.D\data.ms

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

8.528min (-0.006) 17.24 ng/ul m

response 101091

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	14.52
79.00	10.80	10.61
0.00	0.00	0.00

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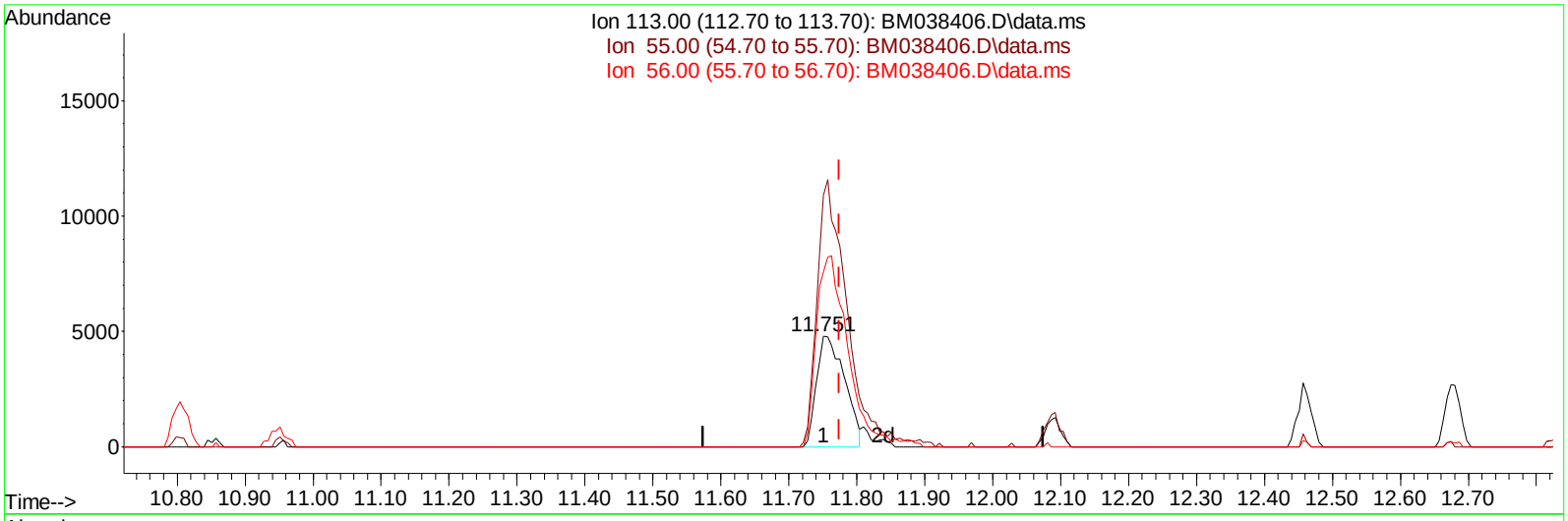

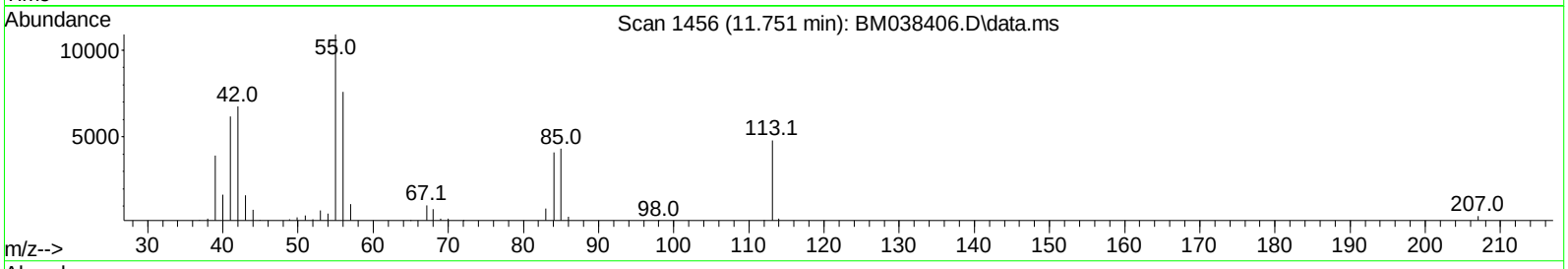

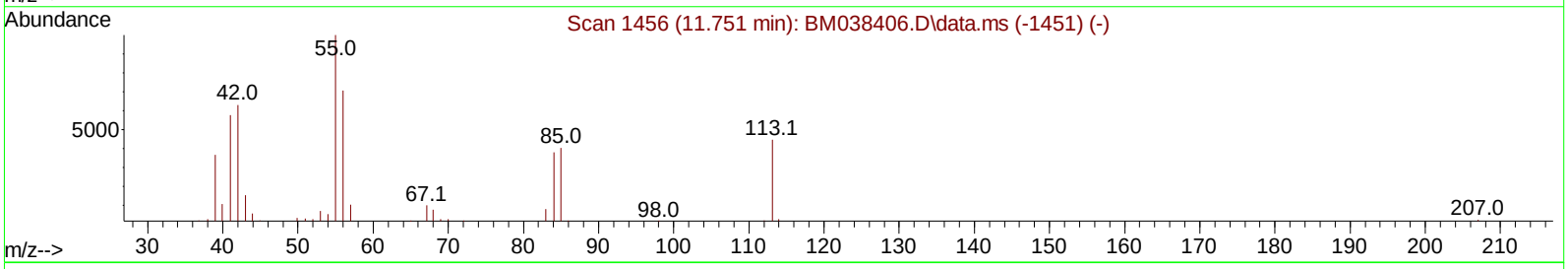

TIC: BM038406.D\data.ms

(34) Caprolactam

11.751min (-0.024) 15.56 ng/ul

response 13736

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	201.90	227.12
56.00	157.30	157.96
0.00	0.00	0.00

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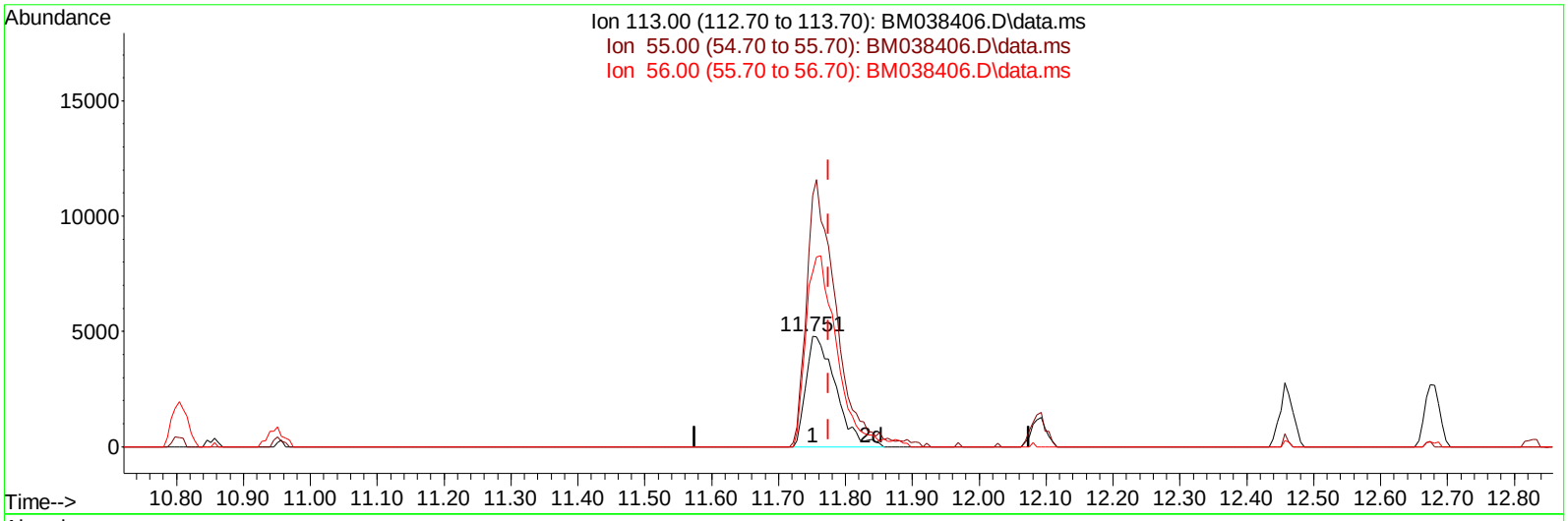

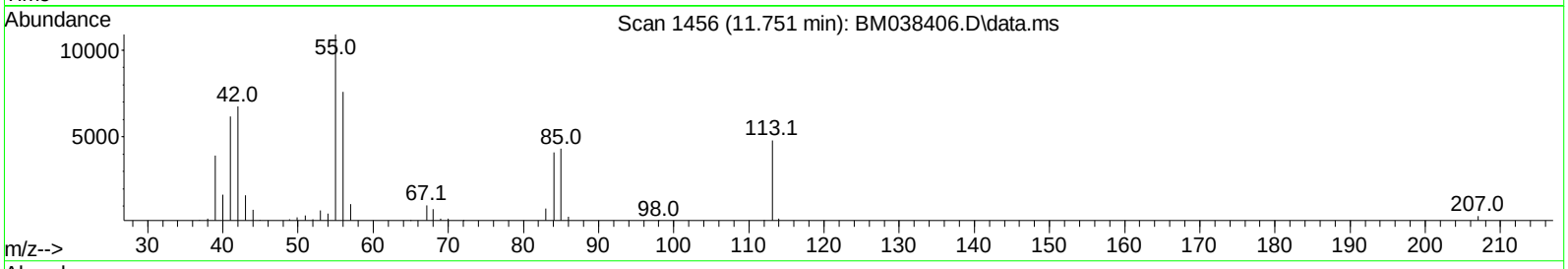

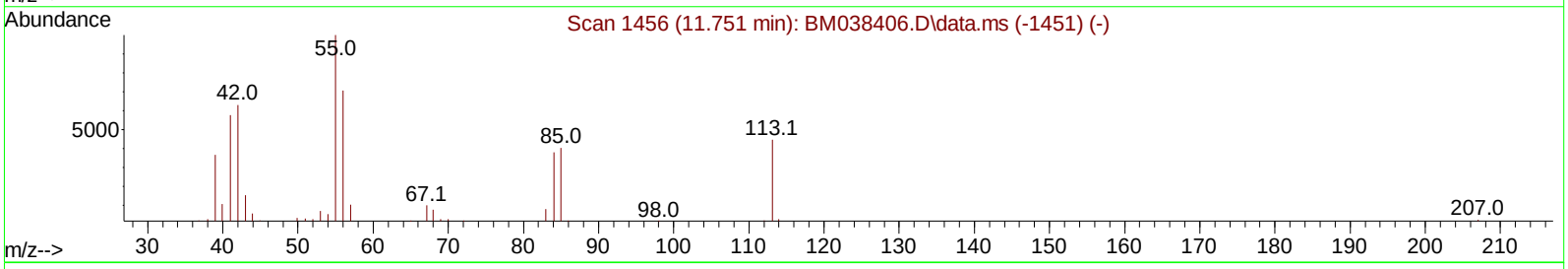

TIC: BM038406.D\data.ms

(34) Caprolactam

11.751min (-0.024) 16.75 ng/ul m

response 14792

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	201.90	227.12
56.00	157.30	157.96
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	48037	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	185152	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.627	164	121072	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	291024	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	340055	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	434311	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	12556	8.476	ng/uL	0.00
4) Pyridine-d5	3.793	84	93412	21.797	ng/ul	0.00
7) Phenol-d5	7.151	99	82380	18.825	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.322	67	58376	18.544	ng/ul	0.00
11) 2-Chlorophenol-d4	7.522	132	60390	19.260	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	60920	18.035	ng/ul	-0.01
21) Nitrobenzene-d5	9.169	128	27331	18.815	ng/ul	0.00
24) 2-Nitrophenol-d4	9.886	143	30974	18.801	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.422	165	61054	19.191	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.951	131	76205	17.358	ng/ul	0.00
46) Dimethylphthalate-d6	14.033	166	165673	18.069	ng/ul	-0.01
49) Acenaphthylene-d8	14.321	160	194667	18.218	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	28248	17.114	ng/ul	-0.01
60) Fluorene-d10	15.615	176	154666	18.549	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	34204	16.217	ng/ul	0.00
73) Anthracene-d10	17.468	188	255894	18.228	ng/ul	0.00
81) Pyrene-d10	19.756	212	326348	17.246	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	392269	18.185	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	13000	8.220	ng/uL	92
5) Pyridine	3.810	79	102090	22.552	ng/ul	96
6) Benzaldehyde	7.134	77	37482	20.834	ng/ul	94
8) Phenol	7.181	94	86269	18.686	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.416	93	67803	18.342	ng/ul	98
12) 2-Chlorophenol	7.551	128	61738	19.066	ng/ul	98
13) 2-Methylphenol	8.439	108	56562	17.153	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.528	45	101091m	17.242	ng/ul	
16) Acetophenone	8.828	105	106693	17.849	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.804	70	60158	18.682	ng/ul	96
18) 4-Methylphenol	8.769	108	63608	17.730	ng/ul	91
19) Hexachloroethane	9.075	117	30272	20.076	ng/ul	96
22) Nitrobenzene	9.210	77	89192	18.616	ng/ul	99
23) Isophorone	9.733	82	153288	18.662	ng/ul	99
25) 2-Nitrophenol	9.922	139	32521	18.952	ng/ul	96
26) 2,4-Dimethylphenol	9.975	107	77077	19.213	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.216	93	87746	18.670	ng/ul	98
29) 2,4-Dichlorophenol	10.451	162	59971	19.386	ng/ul	95
30) Naphthalene	10.857	128	186306	18.865	ng/ul	99
32) 4-Chloroaniline	10.975	127	78438	17.535	ng/ul	99
33) Hexachlorobutadiene	11.128	225	46012	19.977	ng/ul	92
34) Caprolactam	11.751	113	14792m	16.752	ng/ul	
35) 4-Chloro-3-methylphenol	12.086	107	62435	18.967	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	12.457	142	120811	18.766	ng/ul	97
37) 1-Methylnaphthalene	12.680	142	125562	18.852	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.827	216	79190	18.500	ng/ul	97
40) Hexachlorocyclopentadiene	12.798	237	50470	16.694	ng/ul	95
41) 2,4,6-Trichlorophenol	13.069	196	49434	18.606	ng/ul	94
42) 2,4,5-Trichlorophenol	13.139	196	52281	18.360	ng/ul	97
43) 1,1'-Biphenyl	13.463	154	166893	18.236	ng/ul	97
44) 2-Chloronaphthalene	13.510	162	138708	18.562	ng/ul	99
45) 2-Nitroaniline	13.721	65	46099	18.442	ng/ul	98
47) Dimethylphthalate	14.086	163	168000	18.056	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	31591	17.831	ng/ul	96
50) Acenaphthylene	14.351	152	208866	18.426	ng/ul	99
51) 3-Nitroaniline	14.539	138	25984	15.928	ng/ul	97
52) Acenaphthene	14.692	153	151086	18.835	ng/ul	98
53) 2,4-Dinitrophenol	14.751	184	21100	15.930	ng/ul	97
55) 4-Nitrophenol	14.845	109	32501	18.811	ng/ul	92
56) Dibenzofuran	15.021	168	213046	18.688	ng/ul	94
57) 2,4-Dinitrotoluene	14.998	165	48183	18.589	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.251	232	49052	19.286	ng/ul	98
59) Diethylphthalate	15.439	149	181694	18.840	ng/ul	99
61) Fluorene	15.668	166	181851	18.580	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.663	204	98118	19.047	ng/ul	96
63) 4-Nitroaniline	15.698	138	26511	16.983	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.757	198	33094	16.374	ng/ul#	98
67) N-Nitrosodiphenylamine	15.880	169	150071	18.085	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	55257	17.923	ng/ul	94
69) Hexachlorobenzene	16.668	284	64780	18.217	ng/ul	99
70) Atrazine	16.827	200	58039	16.921	ng/ul	94
71) Pentachlorophenol	17.015	266	37464	15.963	ng/ul	98
72) Phenanthrene	17.409	178	291286	18.344	ng/ul	100
74) Anthracene	17.504	178	300443	18.400	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.427	216	79214	18.034	ng/uL	99
76) Pentachlorobenzene	14.939	250	76345	18.038	ng/uL	99
77) Carbazole	17.774	167	258799	17.286	ng/ul	99
78) Di-n-butylphthalate	18.327	149	323371	18.078	ng/ul	100
80) Fluoranthene	19.421	202	361790	16.905	ng/ul	98
82) Pyrene	19.786	202	403989	17.322	ng/ul	96
83) Butylbenzylphthalate	20.668	149	151052	16.888	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.462	252	128755	18.157	ng/ul	97
85) Benzo(a)anthracene	21.527	228	444939	18.385	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	235363	17.047	ng/ul	100
87) Chrysene	21.580	228	423272	18.206	ng/ul	99
89) Di-n-octyl phthalate	22.368	149	456686	14.699	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	489247	17.805	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	491265	17.804	ng/ul	100
93) Benzo(a)pyrene	23.862	252	452325	18.188	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.509	276	589650	18.657	ng/ul	99
95) Dibenzo(a,h)anthracene	26.521	278	487653	18.489	ng/ul	98
96) Benzo(g,h,i)perylene	27.291	276	494013	19.090	ng/ul	99

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

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