Quantitation Report (Qedit)

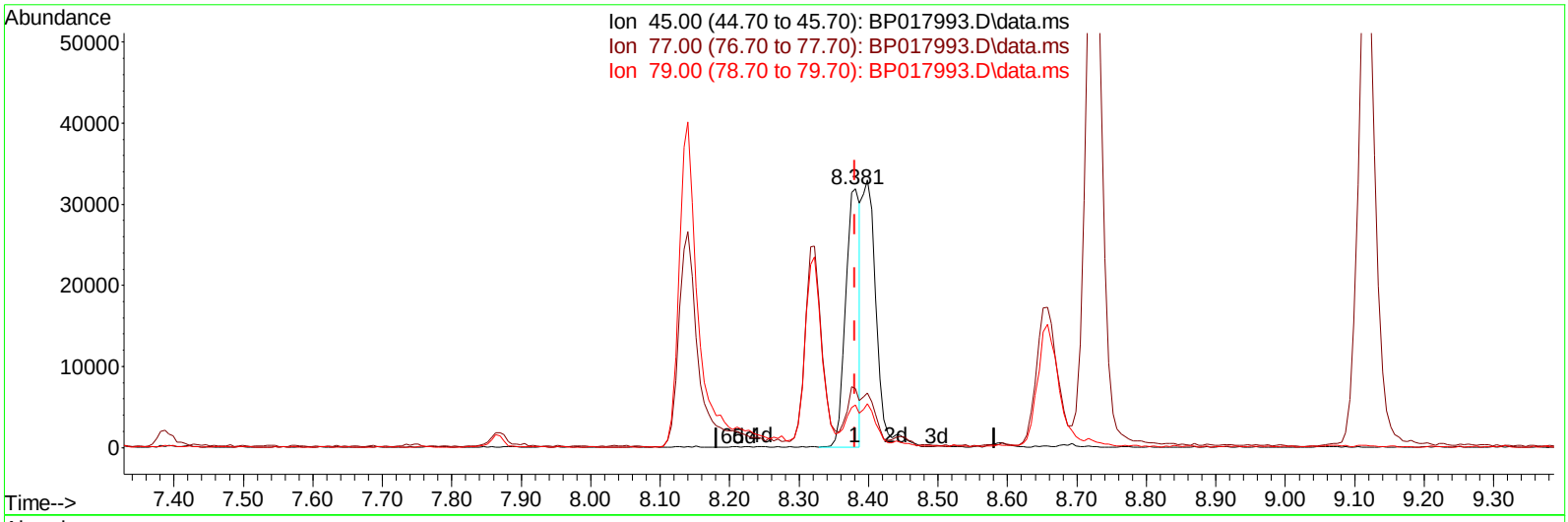
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP017993.D
Acq On : 09 Nov 2023 17:50
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

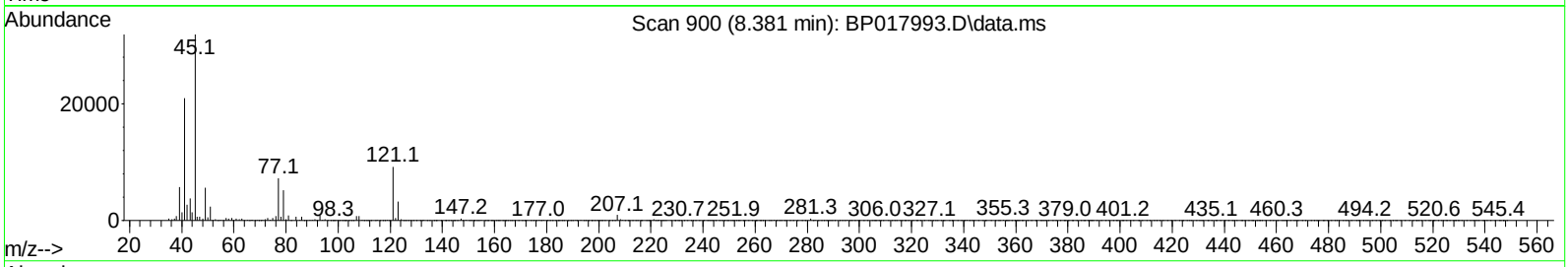
Quant Time: Nov 09 22:37:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 22:34:38 2023
Response via : Initial Calibration

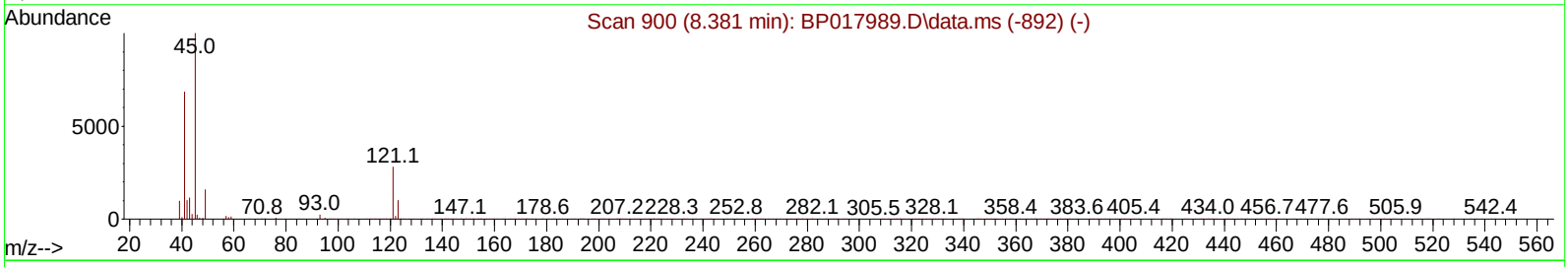
Instrument :
BNA_P
ClientSampleId :
SICV616

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023







TIC: BP017993.D\data.ms

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

8.381min (-0.000) 9.98 ng/ul

response 46382

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.70	22.77
79.00	13.30	16.42#
0.00	0.00	0.00

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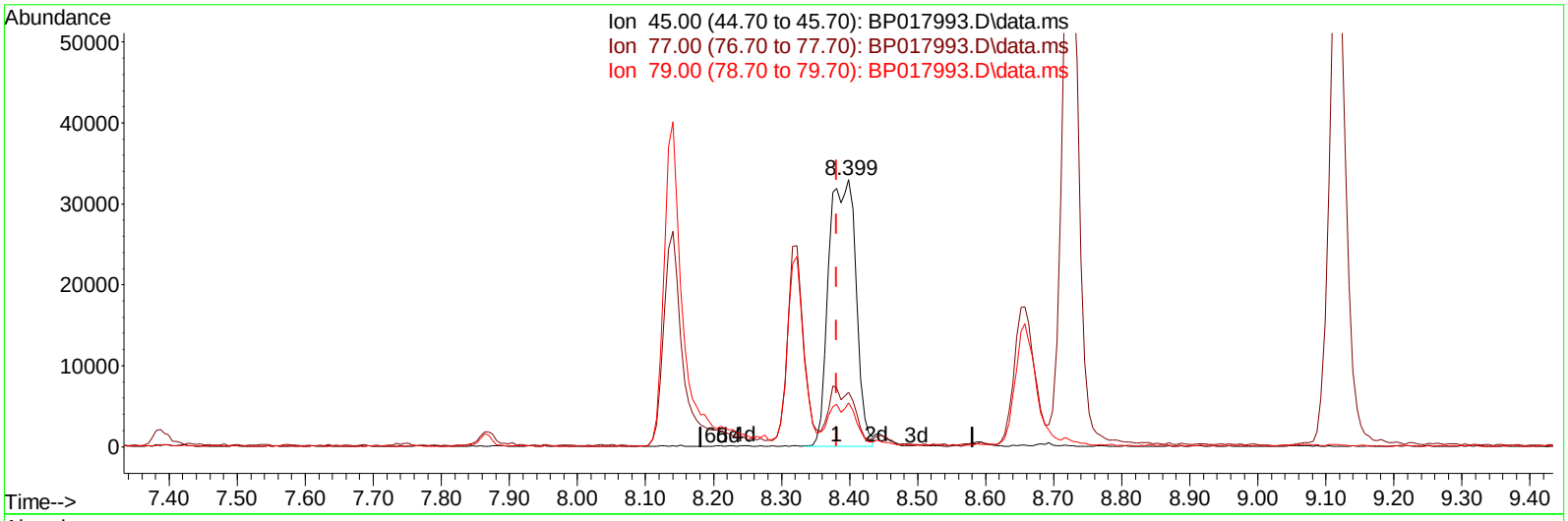

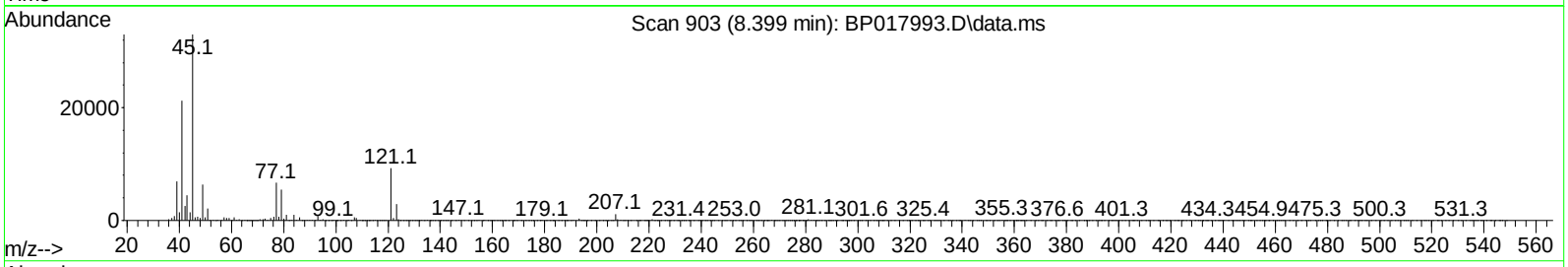

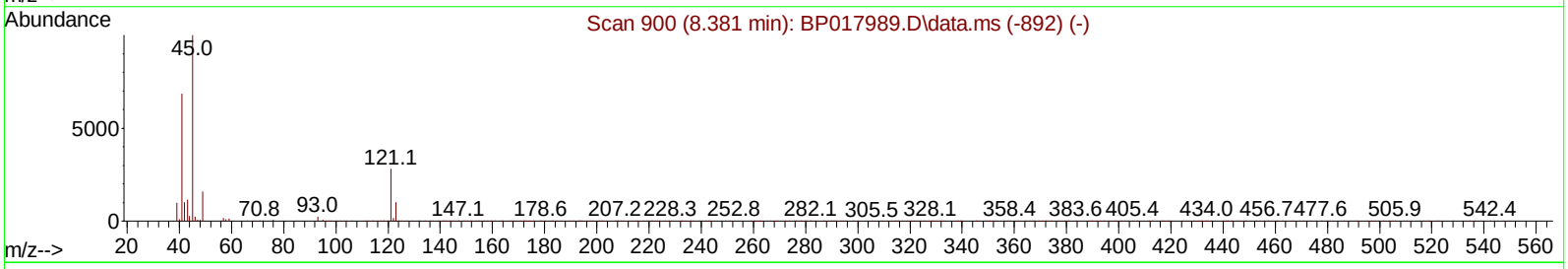

TIC: BP017993.D\data.ms

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

8.399min (+ 0.018) 19.66 ng/ul m

response 91341

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.70	20.32
79.00	13.30	16.50#
0.00	0.00	0.00

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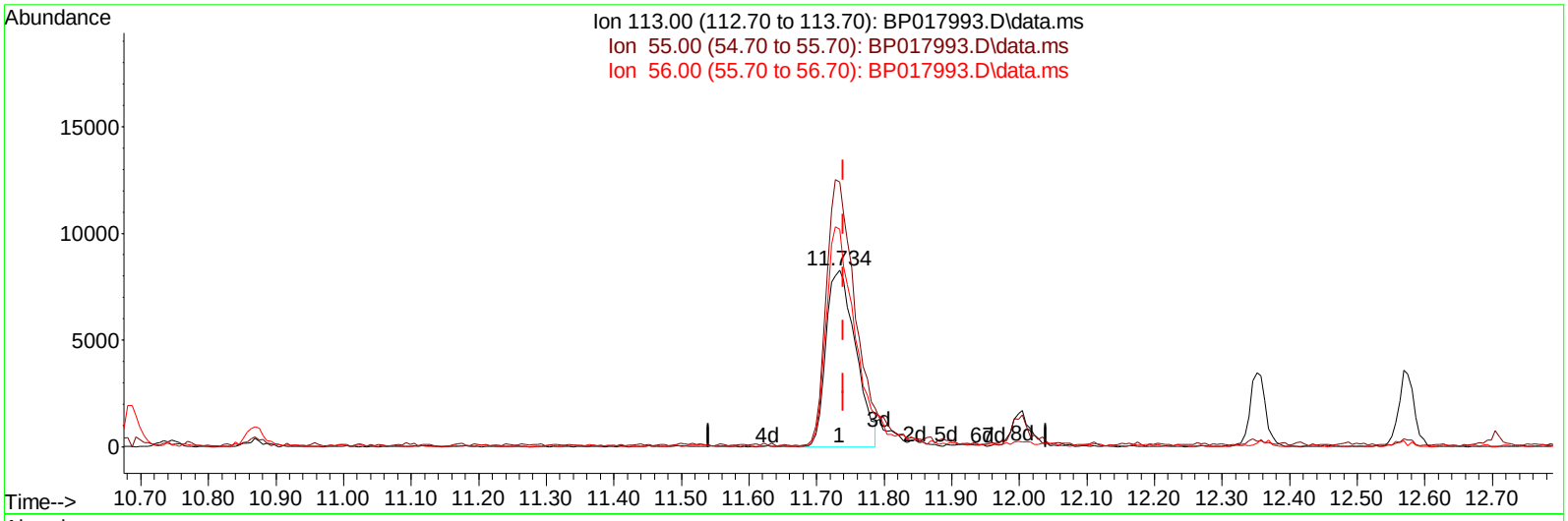

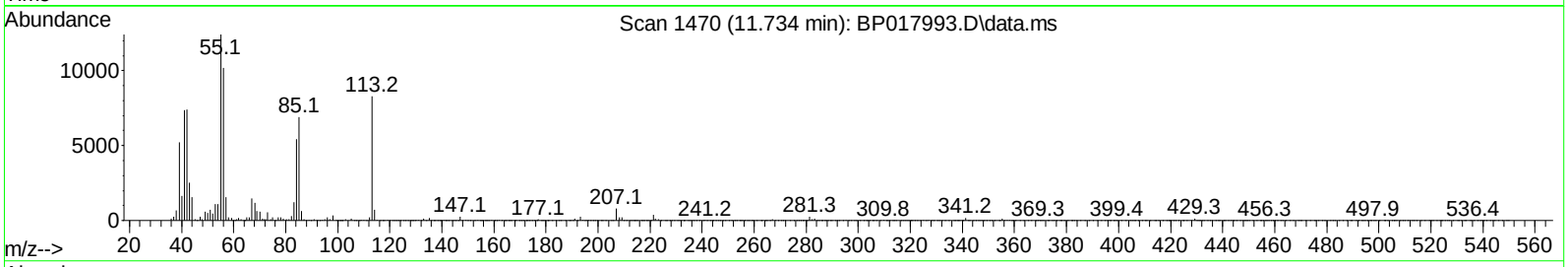

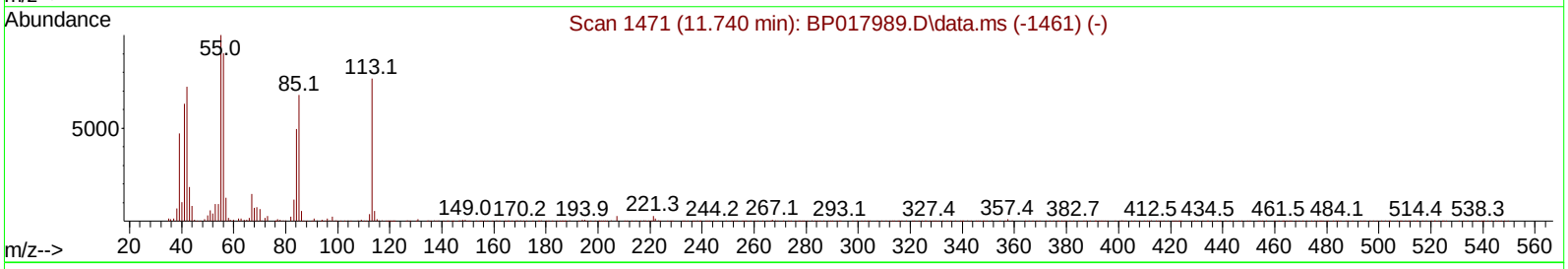

TIC: BP017993.D\data.ms

(34) Caprolactam

11.734min (-0.006) 21.45 ng/ul

response 25204

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	131.60	149.73
56.00	117.70	122.98
0.00	0.00	0.00

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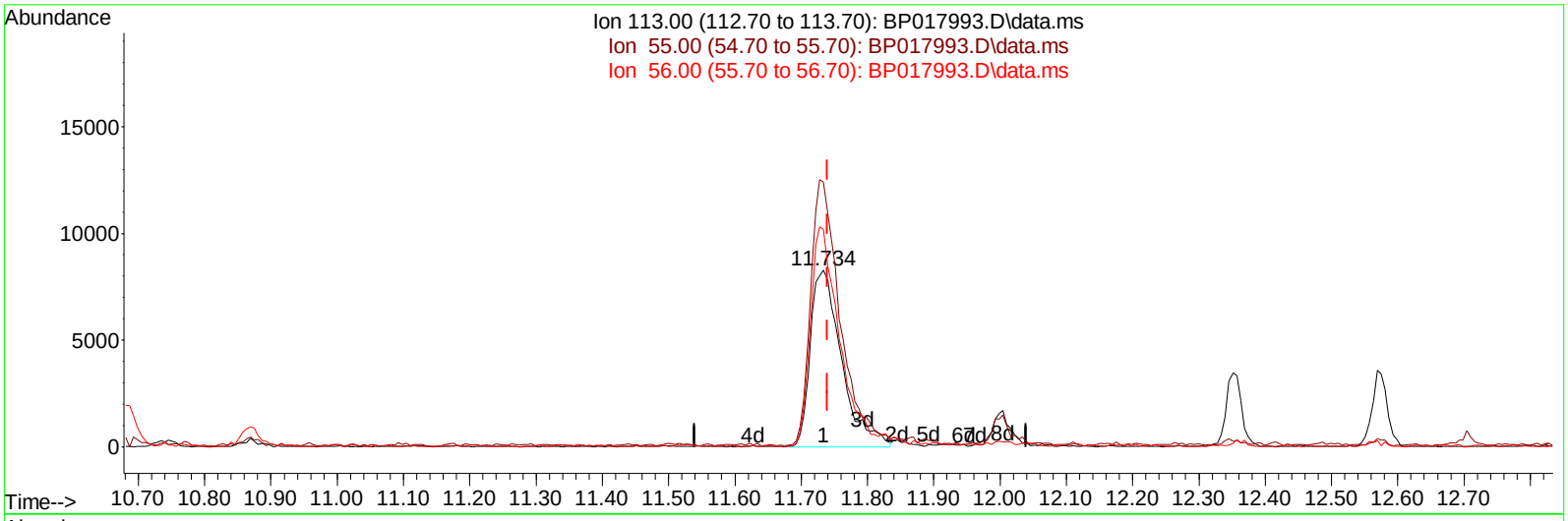

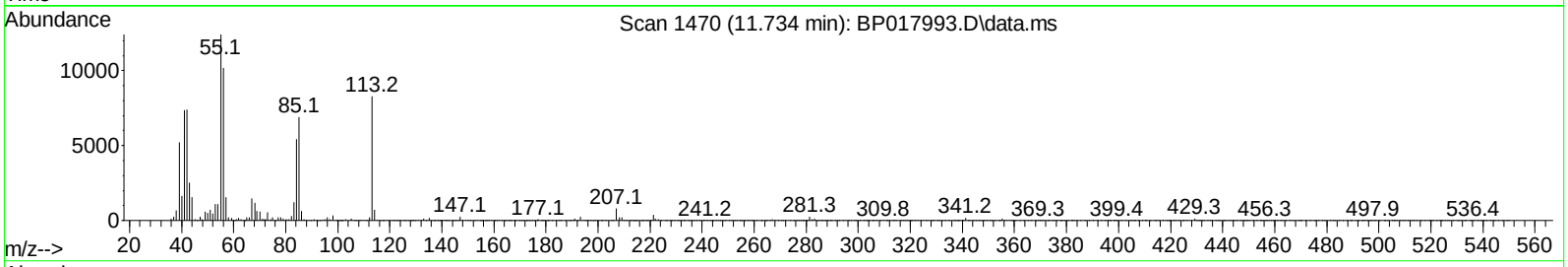

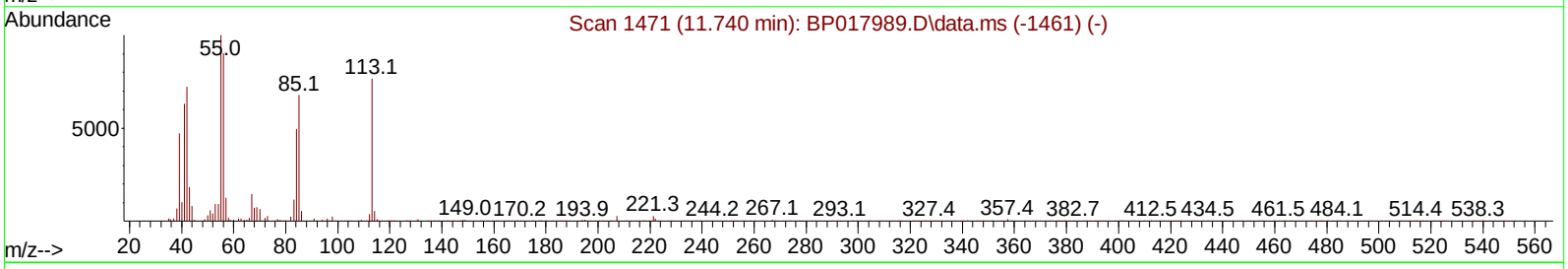

TIC: BP017993.D\data.ms

(34) Caprolactam

11.734min (-0.006) 23.01 ng/ul m

response 27038

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	131.60	149.73
56.00	117.70	122.98
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/11/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	54900	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	219551	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.540	164	140583	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	313110	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	316266	20.000	ng/ul	0.00
88) Perylene-d12	23.957	264	342615	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	12535	7.816	ng/uL	0.00
4) Pyridine-d5	3.681	84	87965	21.104	ng/ul	0.00
7) Phenol-d5	7.034	99	111016	21.518	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	73505	23.520	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	87609	21.223	ng/ul	0.00
15) 4-Methylphenol-d8	8.587	113	87685	21.190	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	42939	21.840	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	45832	20.945	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	87126	22.226	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	115110	21.429	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	275921	21.351	ng/ul	0.00
49) Acenaphthylene-d8	14.240	160	304545	21.981	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	35004	18.493	ng/ul	0.00
60) Fluorene-d10	15.545	176	229951	21.467	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	46115	21.093	ng/ul	0.00
73) Anthracene-d10	17.422	188	360432	21.484	ng/ul	0.00
81) Pyrene-d10	19.675	212	442272	21.728	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.792	264	433516	21.769	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	13305	7.363	ng/uL	91
5) Pyridine	3.699	79	77064	18.011	ng/ul	97
6) Benzaldehyde	7.034	77	71063	25.024	ng/ul	95
8) Phenol	7.058	94	100948	19.870	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.310	93	79671	19.869	ng/ul	97
12) 2-Chlorophenol	7.422	128	82584	19.667	ng/ul	98
13) 2-Methylphenol	8.322	108	73916	19.413	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.399	45	91341m	19.655	ng/ul	
16) Acetophenone	8.722	105	134410	20.313	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.687	70	70682	19.504	ng/ul	98
18) 4-Methylphenol	8.657	108	79912	19.353	ng/ul	100
19) Hexachloroethane	8.922	117	38600	19.230	ng/ul	98
22) Nitrobenzene	9.116	77	107669	20.127	ng/ul	99
23) Isophorone	9.622	82	185931	19.631	ng/ul	99
25) 2-Nitrophenol	9.822	139	46443	20.641	ng/ul	95
26) 2,4-Dimethylphenol	9.857	107	82206	17.091	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.116	93	106986	20.008	ng/ul	98
29) 2,4-Dichlorophenol	10.340	162	77487	20.615	ng/ul	96
30) Naphthalene	10.740	128	266224	19.998	ng/ul	99
32) 4-Chloroaniline	10.893	127	103776	20.193	ng/ul	98
33) Hexachlorobutadiene	10.957	225	57435	20.567	ng/ul	94
34) Caprolactam	11.734	113	27038m	23.013	ng/ul	
35) 4-Chloro-3-methylphenol	11.998	107	91775	20.506	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.351	142	179197	19.694	ng/ul	95
37) 1-Methylnaphthalene	12.575	142	180572	19.480	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.704	216	101537	21.300	ng/ul	97
40) Hexachlorocyclopentadiene	12.646	237	32198	14.128	ng/ul	98
41) 2,4,6-Trichlorophenol	12.969	196	63008	20.234	ng/ul	100
42) 2,4,5-Trichlorophenol	13.051	196	67350	20.209	ng/ul	93
43) 1,1'-Biphenyl	13.369	154	250446	20.951	ng/ul	97
44) 2-Chloronaphthalene	13.422	162	190877	20.185	ng/ul	99
45) 2-Nitroaniline	13.675	65	63966	21.383	ng/ul	98
47) Dimethylphthalate	14.010	163	254992	19.559	ng/ul	98
48) 2,6-Dinitrotoluene	14.163	165	54216	22.146	ng/ul	95
50) Acenaphthylene	14.269	152	321153	20.240	ng/ul	99
51) 3-Nitroaniline	14.510	138	51708	22.553	ng/ul	97
52) Acenaphthene	14.604	153	205051	19.448	ng/ul	99
53) 2,4-Dinitrophenol	14.728	184	22851	17.350	ng/ul	99
55) 4-Nitrophenol	14.810	109	49798	19.421	ng/ul	97
56) Dibenzofuran	14.945	168	297437	20.437	ng/ul	98
57) 2,4-Dinitrotoluene	14.957	165	74541	19.908	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.169	232	60215	20.755	ng/ul	98
59) Diethylphthalate	15.369	149	293823	14.004	ng/ul	98
61) Fluorene	15.598	166	243661	19.851	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.592	204	115821	19.223	ng/ul	94
63) 4-Nitroaniline	15.687	138	50608	23.311	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.710	198	42249	18.446	ng/ul	97
67) N-Nitrosodiphenylamine	15.822	169	207292	20.671	ng/ul	99
68) 4-Bromophenyl-phenylether	16.498	248	68603	20.067	ng/ul	97
69) Hexachlorobenzene	16.581	284	78002	20.127	ng/ul	96
70) Atrazine	16.781	200	80978	23.335	ng/ul	97
71) Pentachlorophenol	16.957	266	42723	17.888	ng/ul	99
72) Phenanthrene	17.363	178	389894	20.005	ng/ul	99
74) Anthracene	17.457	178	392765	19.933	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.322	216	96316	20.503	ng/uL	98
76) Pentachlorobenzene	14.839	250	91152	19.746	ng/uL	97
77) Carbazole	17.757	167	361950	21.273	ng/ul	99
78) Di-n-butylphthalate	18.257	149	433712	18.953	ng/ul	99
80) Fluoranthene	19.345	202	464515	19.717	ng/ul	99
82) Pyrene	19.704	202	497819	19.993	ng/ul	99
83) Butylbenzylphthalate	20.569	149	214179	19.864	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.374	252	172582	23.029	ng/ul	97
85) Benzo(a)anthracene	21.427	228	497127	19.552	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.310	149	296830	19.633	ng/ul	98
87) Chrysene	21.486	228	464695	19.404	ng/ul	99
89) Di-n-octyl phthalate	22.269	149	505611	19.442	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	502379	20.402	ng/ul	99
91) Benzo(k)fluoranthene	23.233	252	466544	18.983	ng/ul	98
93) Benzo(a)pyrene	23.845	252	429632	18.510	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.627	276	551383	20.043	ng/ul	97
95) Dibenzo(a,h)anthracene	26.645	278	451820	19.866	ng/ul	98
96) Benzo(g,h,i)perylene	27.456	276	440741	20.076	ng/ul	99

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

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