Quantitation Report (Qedit)

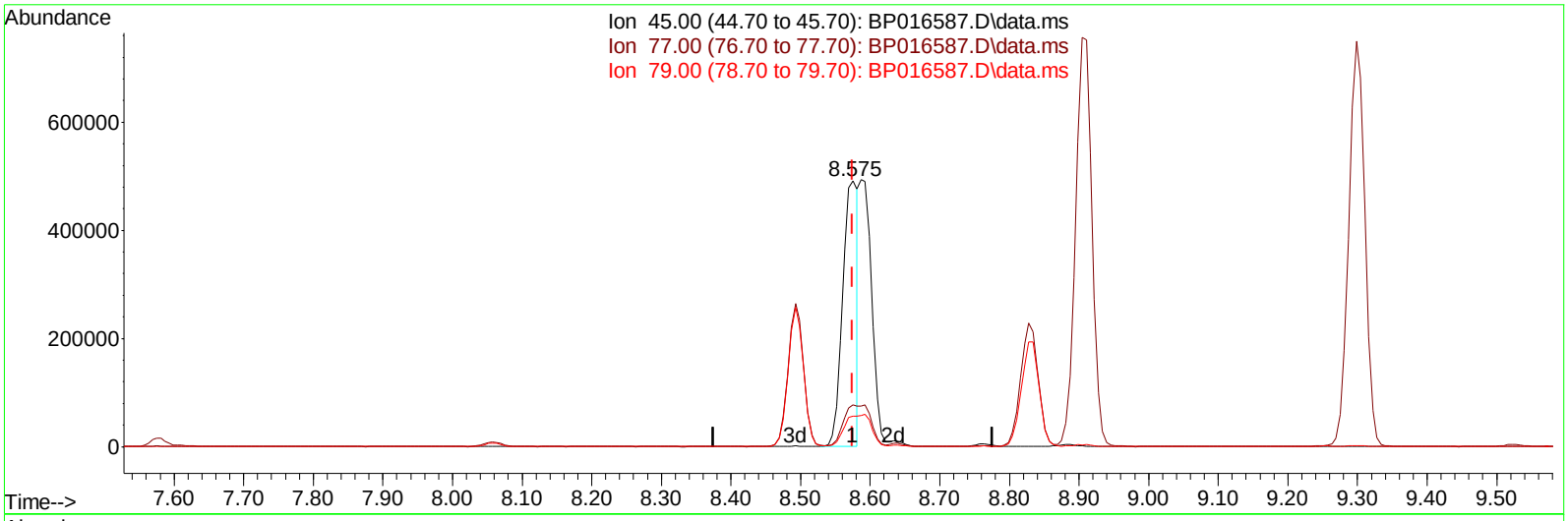
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081523\
Data File : BP016587.D
Acq On : 15 Aug 2023 09:54
Operator : MA/JU
Sample : PB154810BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

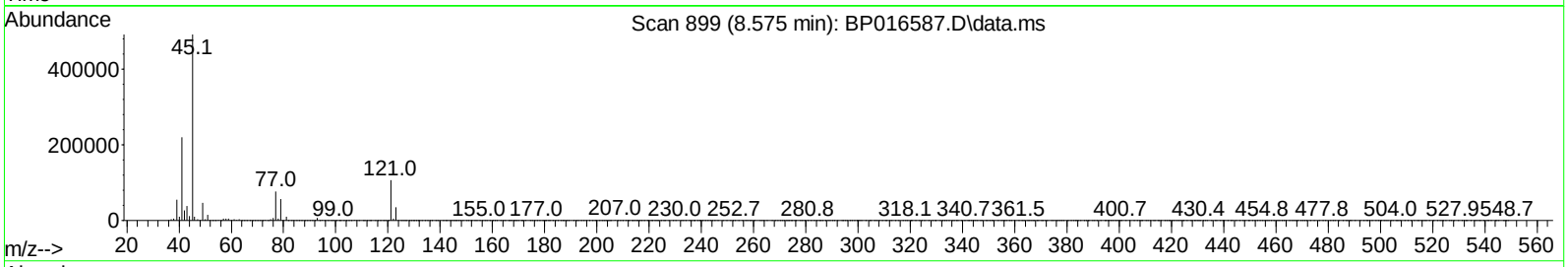
Quant Time: Aug 15 10:23:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 14 18:26:05 2023
Response via : Initial Calibration

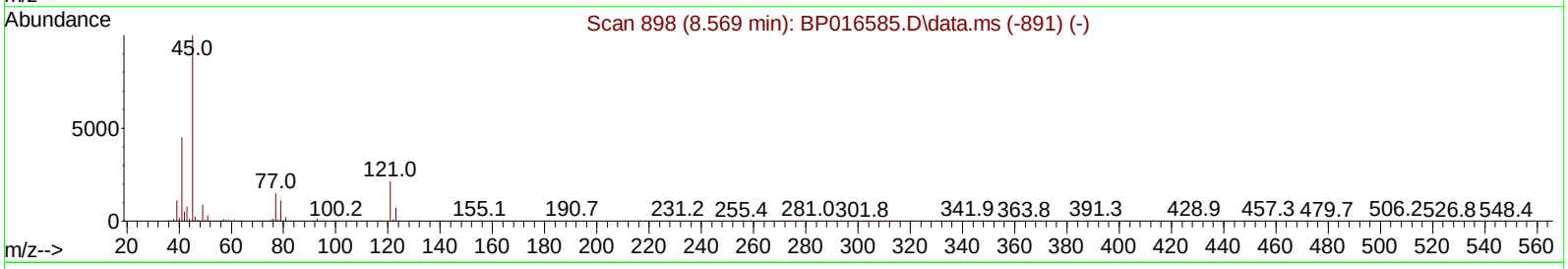
Instrument :
BNA_P
ClientSampleId :
SLCS810

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023







TIC: BP016587.D\data.ms

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

8.575min (-0.000) 19.83 ng/ul

response 742470

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.10	15.76
79.00	10.30	11.57
0.00	0.00	0.00

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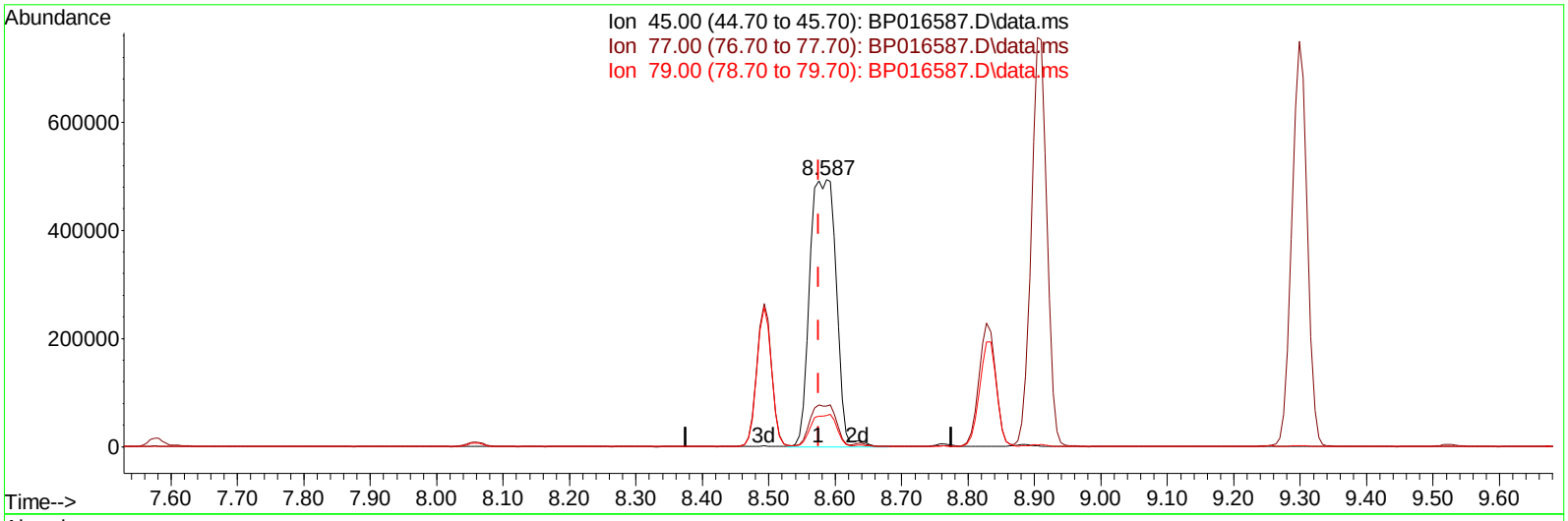

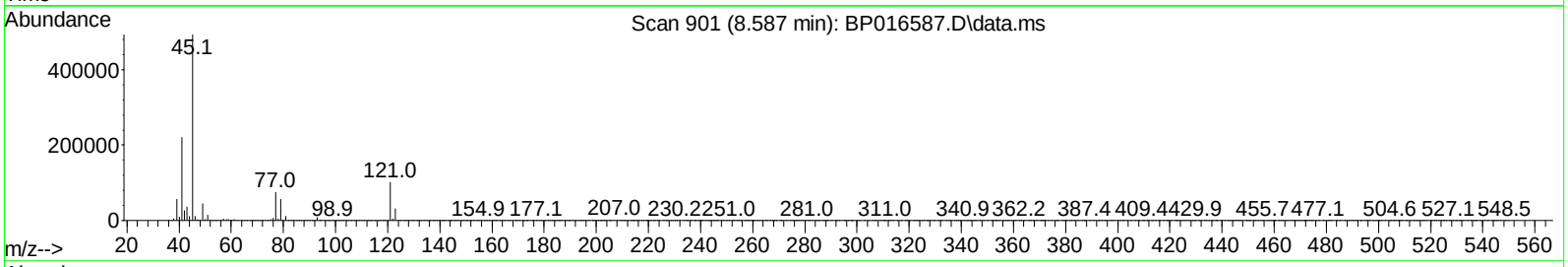

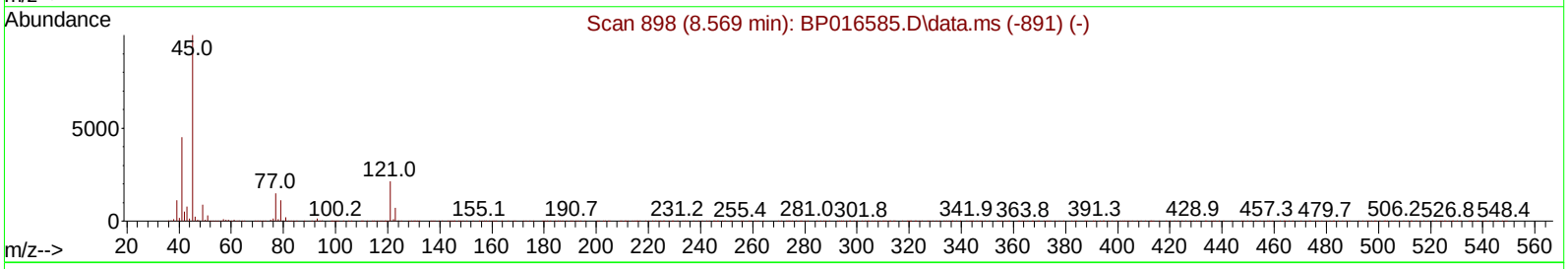

TIC: BP016587.D\data.ms

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

8.587min (+ 0.012) 36.44 ng/ul m

response 1364633

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.10	15.26
79.00	10.30	11.67
0.00	0.00	0.00

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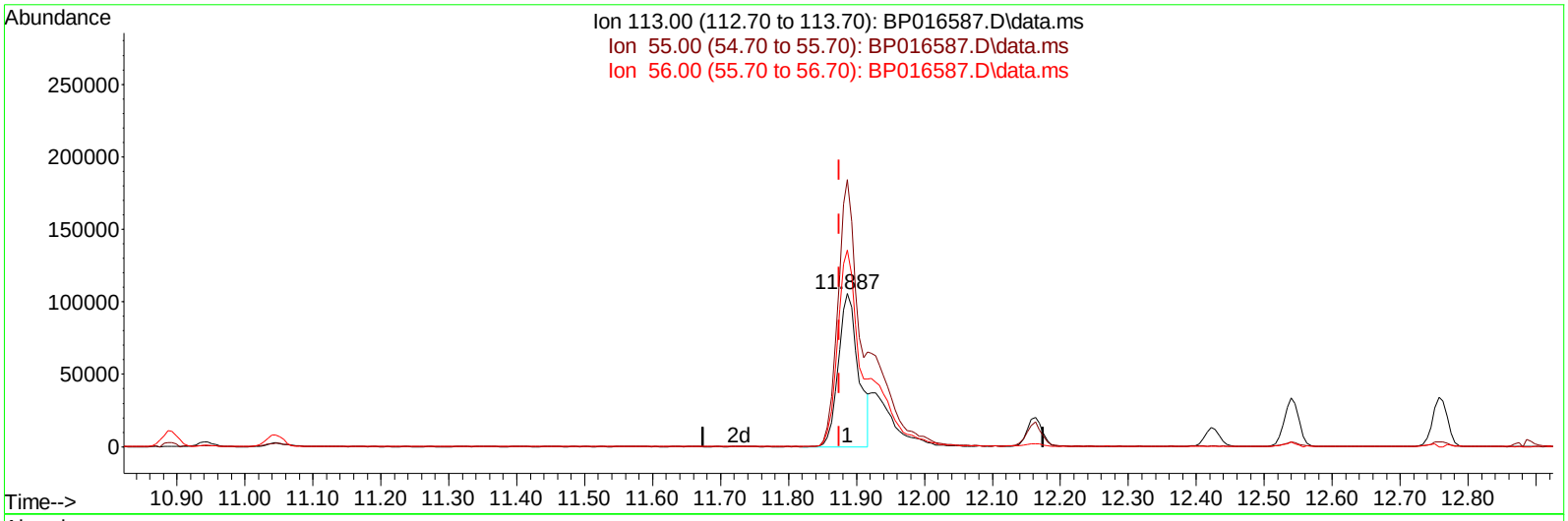

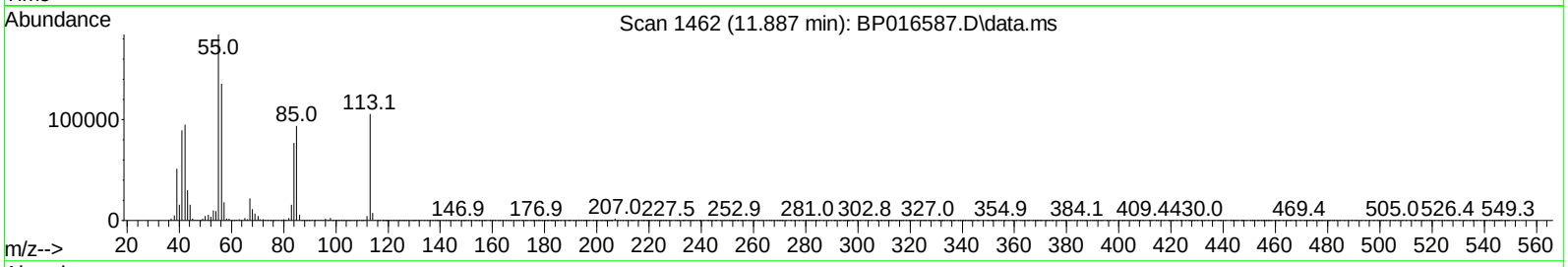

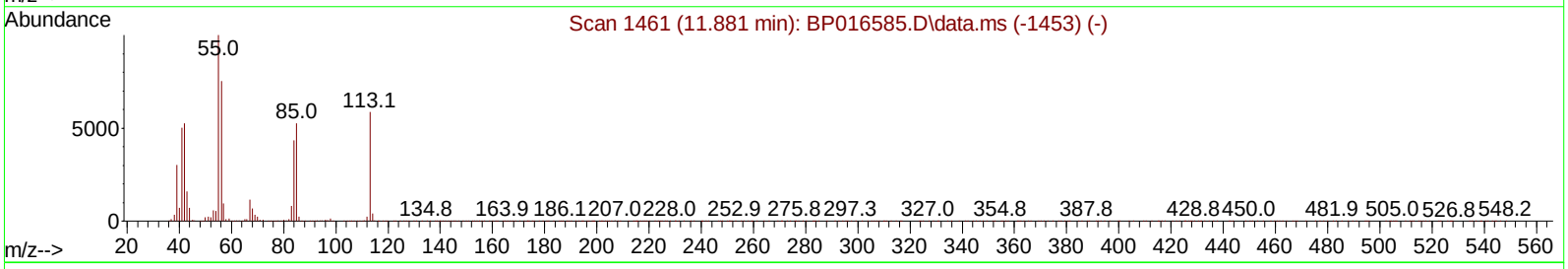

TIC: BP016587.D\data.ms

(34) Caprolactam

11.887min (+ 0.012) 27.18 ng/ul

response 216333

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.50	174.19
56.00	126.90	128.42
0.00	0.00	0.00

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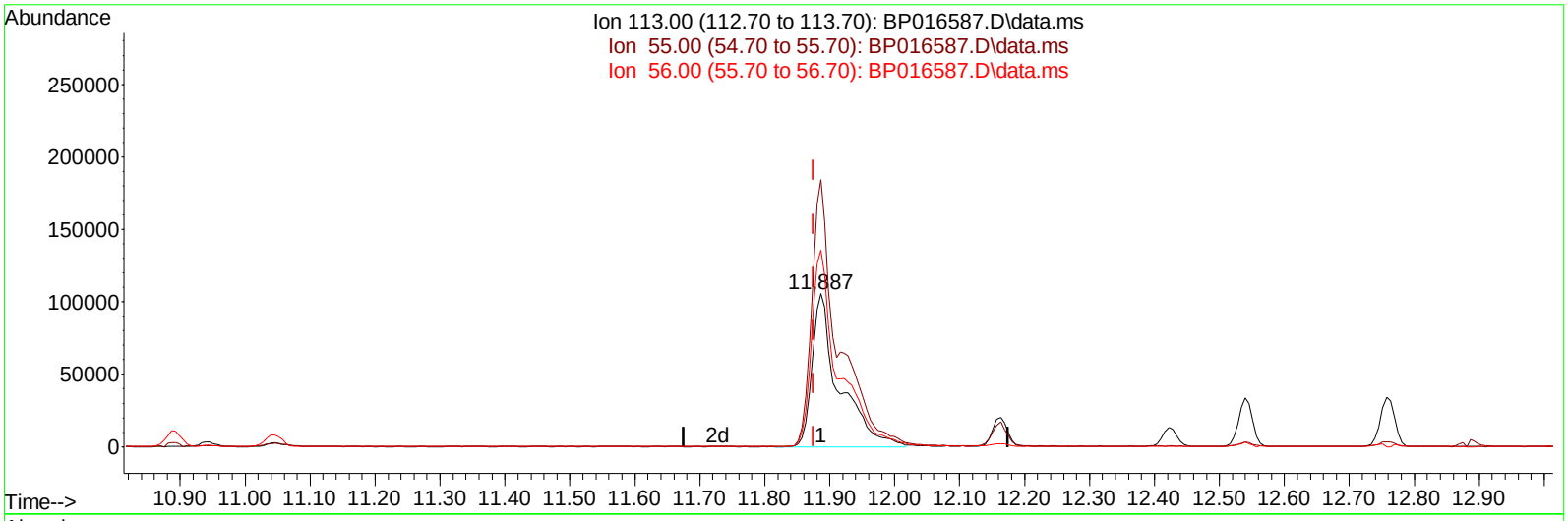

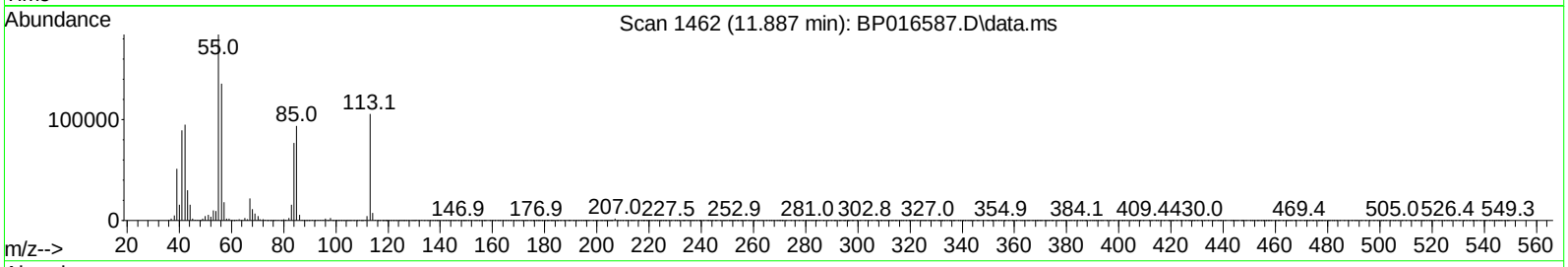

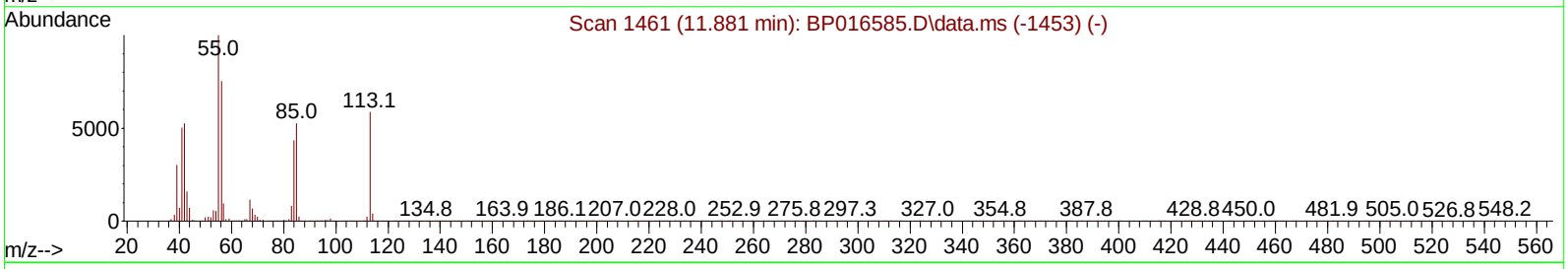

TIC: BP016587.D\data.ms

(34) Caprolactam

11.887min (+ 0.012) 38.38 ng/ul m

response 305450

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.50	174.19
56.00	126.90	128.42
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	8.057	152	337631	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	1497537	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	886086	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	1907332	20.000	ng/ul	0.00
79) Chrysene-d12	21.574	240	1677896	20.000	ng/ul	0.00
88) Perylene-d12	24.162	264	1629225	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	64300	7.237	ng/uL	0.00
4) Pyridine-d5	3.828	84	993534	36.753	ng/ul	0.00
7) Phenol-d5	7.199	99	1290477	41.458	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	783495	38.216	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	921706	41.227	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	979457	39.574	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	456068	43.282	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	477096	47.672	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.498	165	876848	44.521	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	1220421	36.115	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	2524805	39.395	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	3012649	41.646	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	522425	40.014	ng/ul	0.00
60) Fluorene-d10	15.704	176	2188341	40.052	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	348002	38.352	ng/ul	0.00
73) Anthracene-d10	17.575	188	3406899	41.295	ng/ul	0.00
81) Pyrene-d10	19.810	212	3847357	43.761	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.992	264	3379295	43.281	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	148732	15.224	ng/uL	96
5) Pyridine	3.852	79	987680	35.214	ng/ul	98
6) Benzaldehyde	7.210	77	742790	43.290	ng/ul	97
8) Phenol	7.228	94	1307647	39.305	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.487	93	1026013	38.179	ng/ul	98
12) 2-Chlorophenol	7.610	128	950220	40.394	ng/ul	99
13) 2-Methylphenol	8.493	108	955212	39.528	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.587	45	1364633m	36.440	ng/ul	
16) Acetophenone	8.910	105	1526633	38.196	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.881	70	828915	38.670	ng/ul	100
18) 4-Methylphenol	8.828	108	1045869	39.379	ng/ul	97
19) Hexachloroethane	9.134	117	387251	39.403	ng/ul	98
22) Nitrobenzene	9.298	77	1215380	41.203	ng/ul	97
23) Isophorone	9.816	82	2264134	40.638	ng/ul	100
25) 2-Nitrophenol	10.004	139	524644	45.856	ng/ul	98
26) 2,4-Dimethylphenol	10.040	107	1100575	40.804	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.298	93	1393634	39.022	ng/ul	99
29) 2,4-Dichlorophenol	10.522	162	871919	43.028	ng/ul	100
30) Naphthalene	10.940	128	3068149	39.213	ng/ul	99
32) 4-Chloroaniline	11.069	127	1202862	35.945	ng/ul	99
33) Hexachlorobutadiene	11.175	225	492228	40.296	ng/ul	100
34) Caprolactam	11.887	113	305450m	38.378	ng/ul	
35) 4-Chloro-3-methylphenol	12.163	107	1053103	42.517	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.540	142	2033973	38.808	ng/ul	99
37)	1-Methylnaphthalene	12.757	142	2020682	38.291	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.887	216	972426	41.030	ng/ul	99
40)	Hexachlorocyclopentadiene	12.839	237	508532	35.265	ng/ul	99
41)	2,4,6-Trichlorophenol	13.139	196	666028	45.154	ng/ul	99
42)	2,4,5-Trichlorophenol	13.204	196	733395	45.870	ng/ul	100
43)	1,1'-Biphenyl	13.545	154	2652546	40.273	ng/ul	98
44)	2-Chloronaphthalene	13.592	162	2066615	40.328	ng/ul	99
45)	2-Nitroaniline	13.816	65	700584	45.215	ng/ul	95
47)	Dimethylphthalate	14.169	163	2618946	39.967	ng/ul	99
48)	2,6-Dinitrotoluene	14.310	165	535413	47.173	ng/ul	96
50)	Acenaphthylene	14.439	152	3278148	38.479	ng/ul	99
51)	3-Nitroaniline	14.645	138	576656	45.312	ng/ul	94
52)	Acenaphthene	14.775	153	2247716	39.414	ng/ul	99
53)	2,4-Dinitrophenol	14.839	184	226234	35.805	ng/ul	96
55)	4-Nitrophenol	14.928	109	430307	40.541	ng/ul	98
56)	Dibenzofuran	15.110	168	3056401	39.282	ng/ul	100
57)	2,4-Dinitrotoluene	15.086	165	773658	45.518	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.322	232	602212	44.955	ng/ul	98
59)	Diethylphthalate	15.522	149	2673743	39.907	ng/ul	99
61)	Fluorene	15.763	166	2508082	39.312	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.751	204	1170442	39.082	ng/ul	99
63)	4-Nitroaniline	15.816	138	581905	47.779	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.839	198	368483	36.625	ng/ul	98
67)	N-Nitrosodiphenylamine	15.975	169	2144915	41.487	ng/ul	99
68)	4-Bromophenyl-phenylether	16.651	248	718864	42.212	ng/ul	99
69)	Hexachlorobenzene	16.739	284	811819	40.798	ng/ul	98
70)	Atrazine	16.927	200	716154	38.502	ng/ul	99
71)	Pentachlorophenol	17.098	266	493050	40.245	ng/ul	98
72)	Phenanthrene	17.522	178	4013408	39.940	ng/ul	100
74)	Anthracene	17.616	178	4033986	39.967	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.498	216	957087	39.485	ng/uL	96
76)	Pentachlorobenzene	15.004	250	908415	41.769	ng/uL	99
77)	Carbazole	17.892	167	3813358	40.997	ng/ul	99
78)	Di-n-butylphthalate	18.404	149	4705759	43.704	ng/ul	100
80)	Fluoranthene	19.480	202	4645382	44.271	ng/ul	99
82)	Pyrene	19.839	202	4790024	43.230	ng/ul	98
83)	Butylbenzylphthalate	20.698	149	2175314	48.734	ng/ul	92
84)	3,3'-Dichlorobenzidine	21.492	252	1521942	41.655	ng/ul	100
85)	Benzo(a)anthracene	21.557	228	4622971	40.996	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.439	149	3158053	48.749	ng/ul#	98
87)	Chrysene	21.615	228	4291129	40.666	ng/ul	100
89)	Di-n-octyl phthalate	22.427	149	5330886	52.442	ng/ul	100
90)	Benzo(b)fluoranthene	23.357	252	4369769	45.045	ng/ul	99
91)	Benzo(k)fluoranthene	23.415	252	4168340	43.313	ng/ul	98
93)	Benzo(a)pyrene	24.051	252	3644003	39.821	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.921	276	4185081	38.749	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.951	278	3474633	38.658	ng/ul	98
96)	Benzo(g,h,i)perylene	27.786	276	3297778	38.365	ng/ul	97

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

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