Quantitation Report (Qedit)

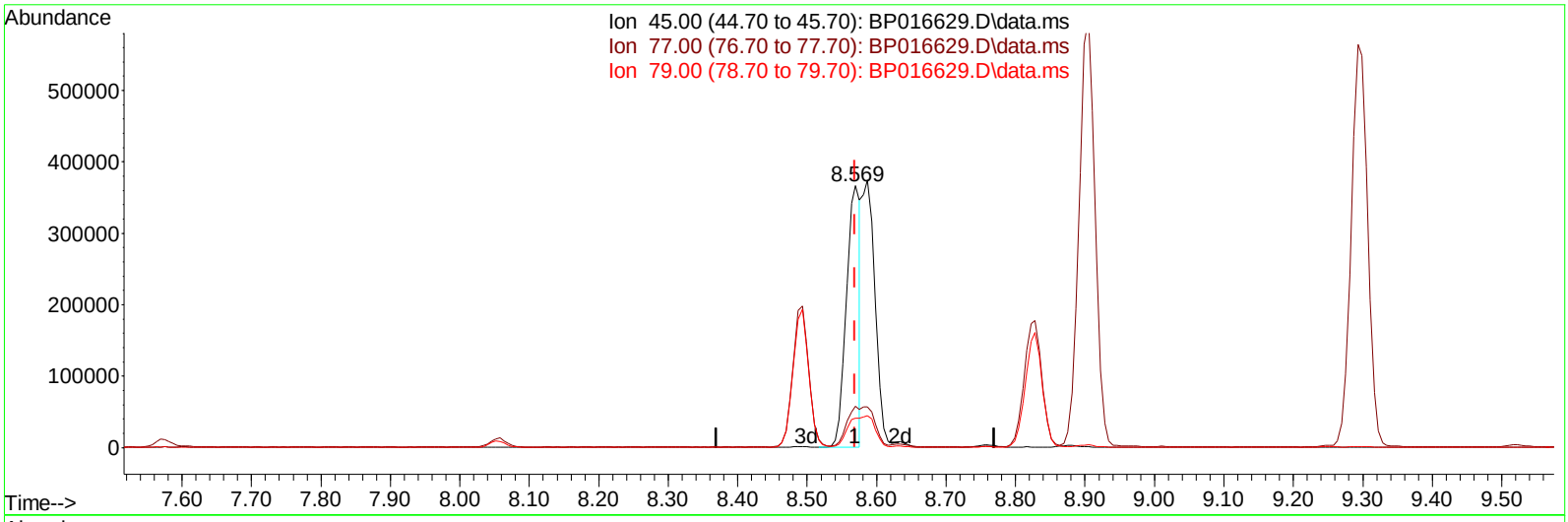
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081623\
Data File : BP016629.D
Acq On : 17 Aug 2023 06:34
Operator : MA/JU
Sample : PB154829BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

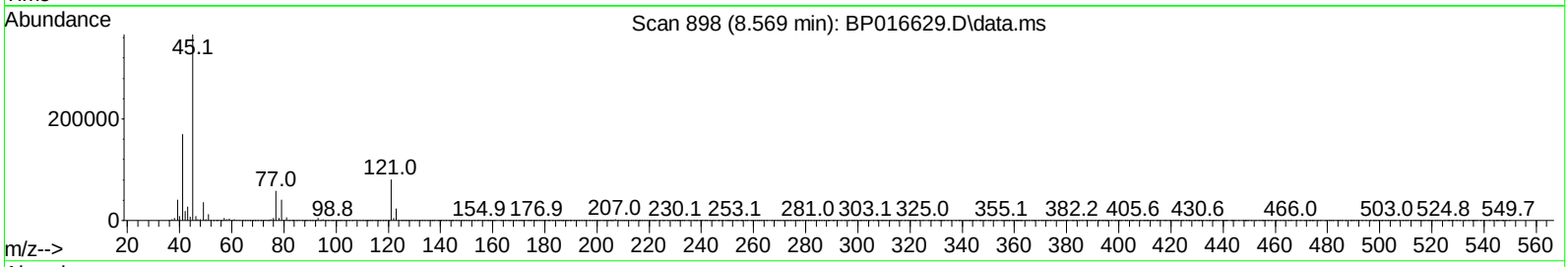
Quant Time: Aug 17 07:04:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 17 01:38:34 2023
Response via : Initial Calibration

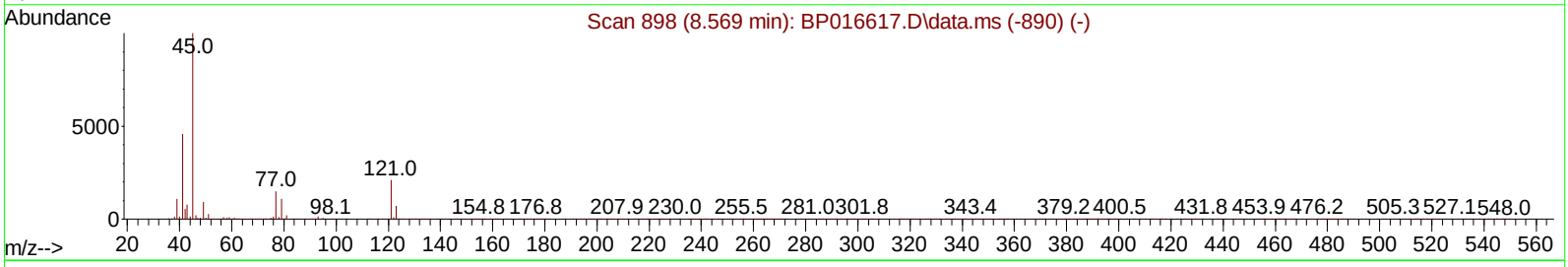
Instrument :
BNA_P
ClientSampleId :
SLCS829

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023







TIC: BP016629.D\data.ms

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

8.569min (+ 0.000) 9.60 ng/ul

response 512109

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.10	15.81
79.00	10.30	11.34
0.00	0.00	0.00

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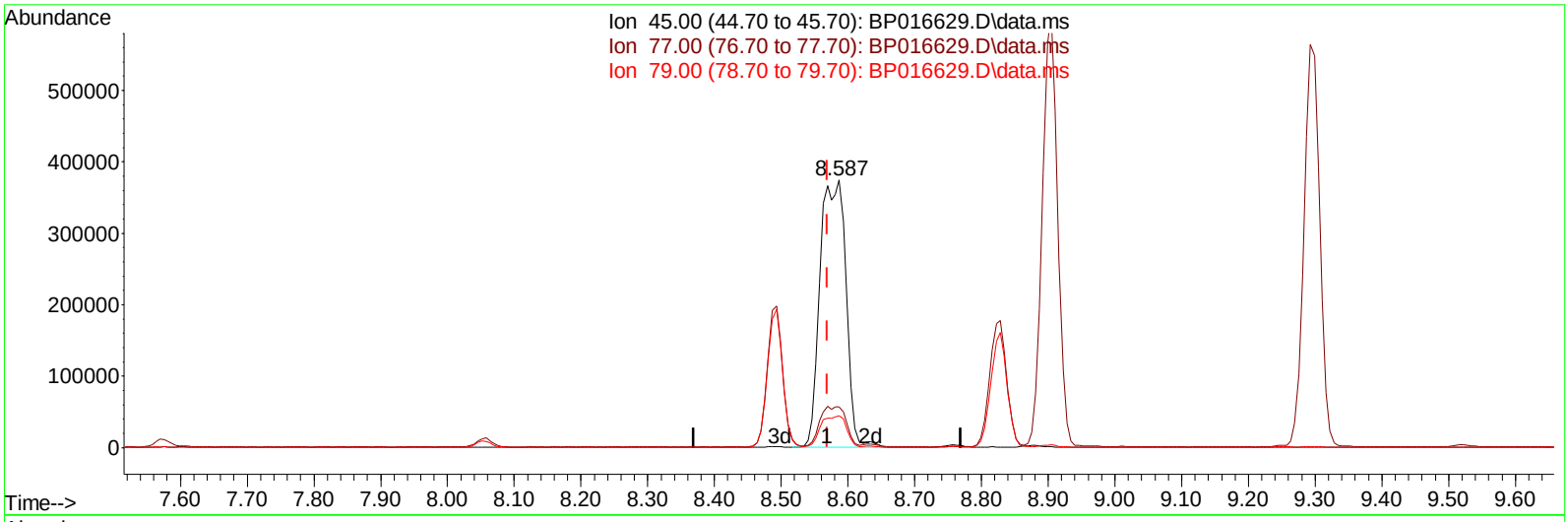

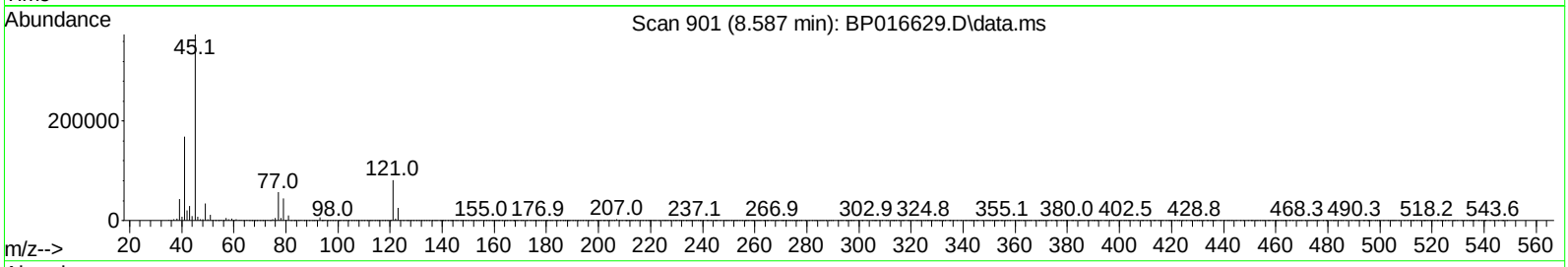

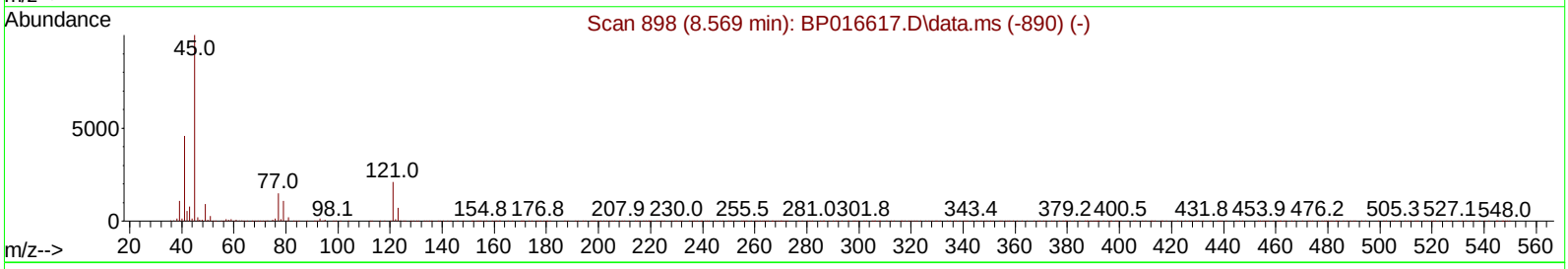

TIC: BP016629.D\data.ms

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

8.587min (+ 0.018) 18.84 ng/ul m

response 1005224

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.10	15.15
79.00	10.30	12.03
0.00	0.00	0.00

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Misc :
ALS Vial : 33 Sample Multiplier: 1

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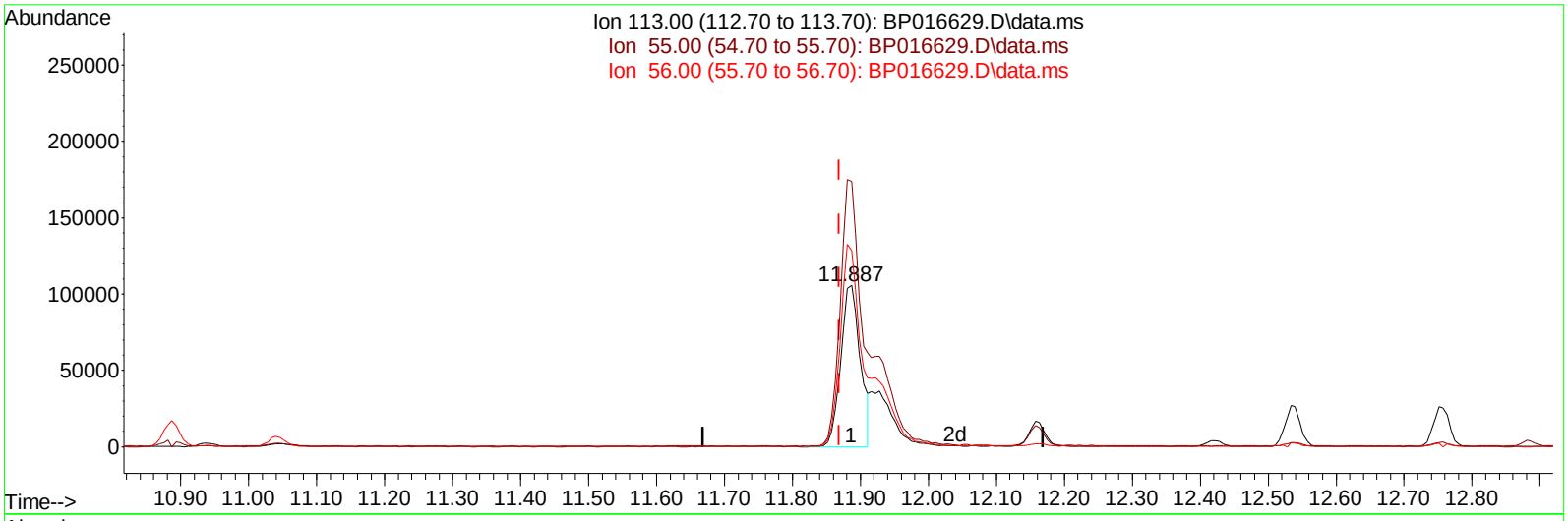

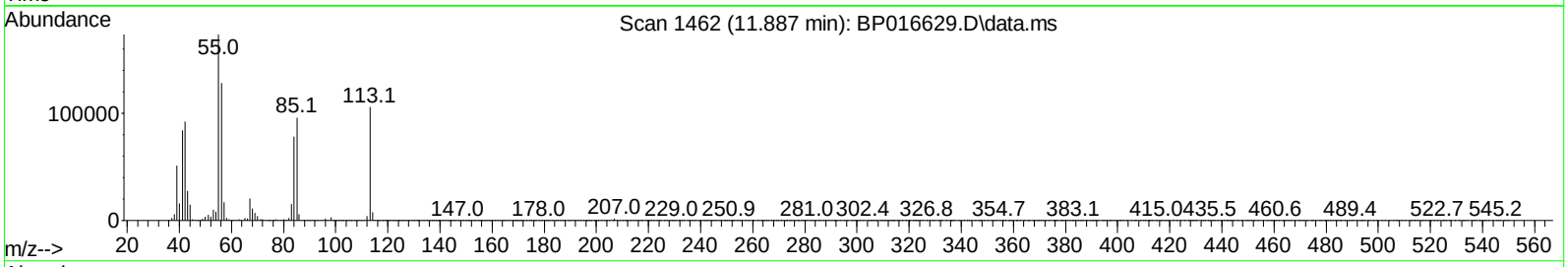

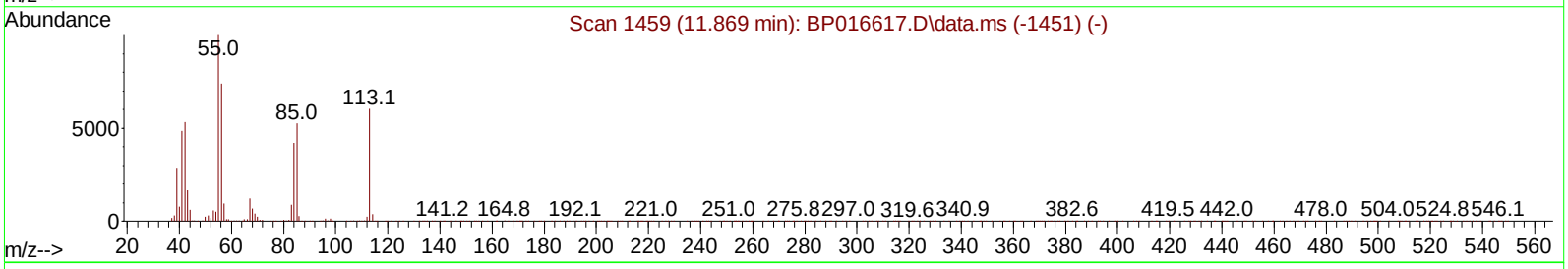

TIC: BP016629.D\data.ms

(34) Caprolactam

11.887min (+ 0.018) 17.41 ng/ul

response 211883

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.50	164.31
56.00	126.90	121.42
0.00	0.00	0.00

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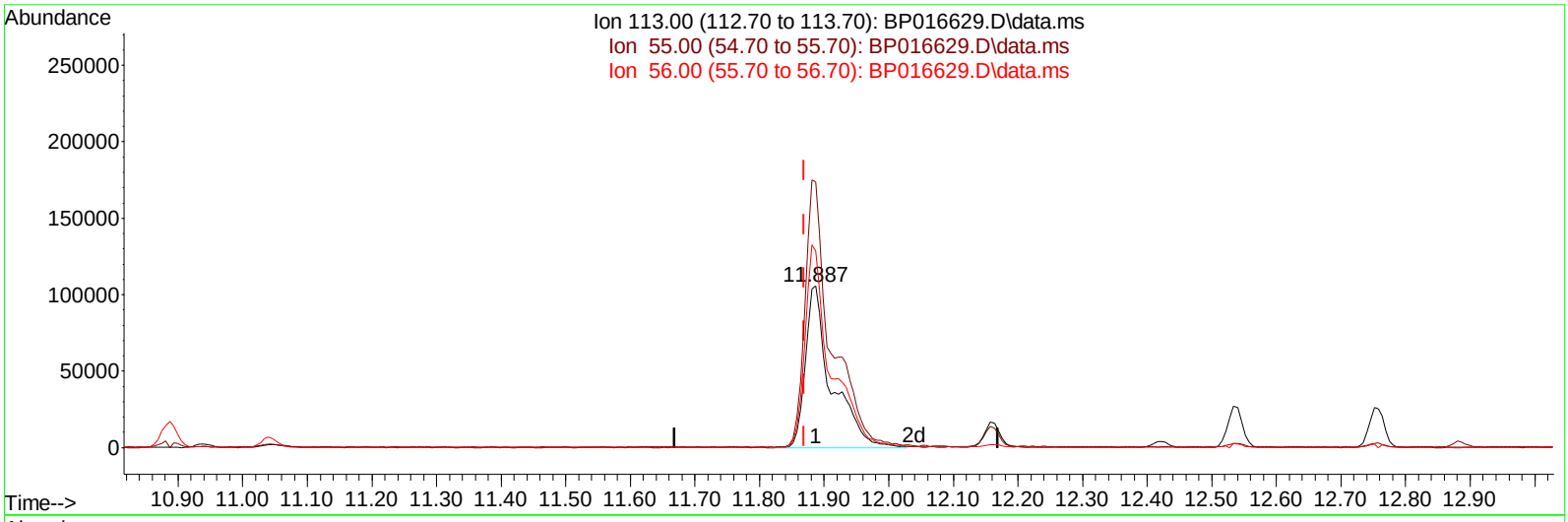

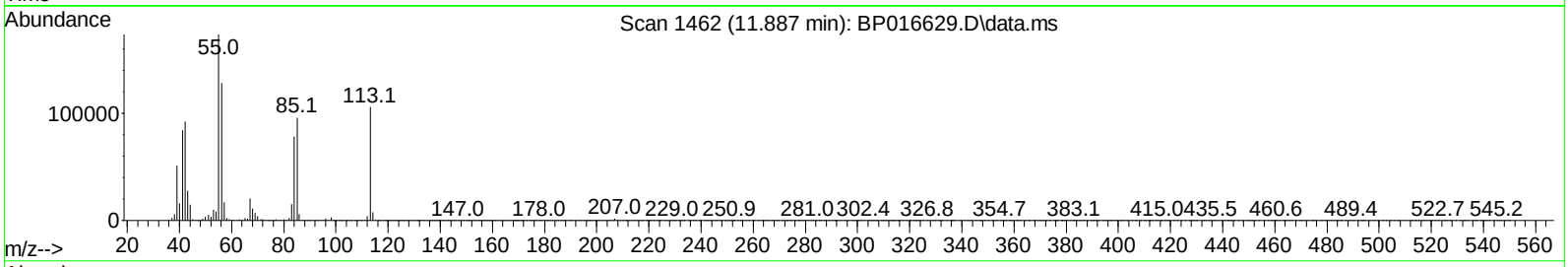

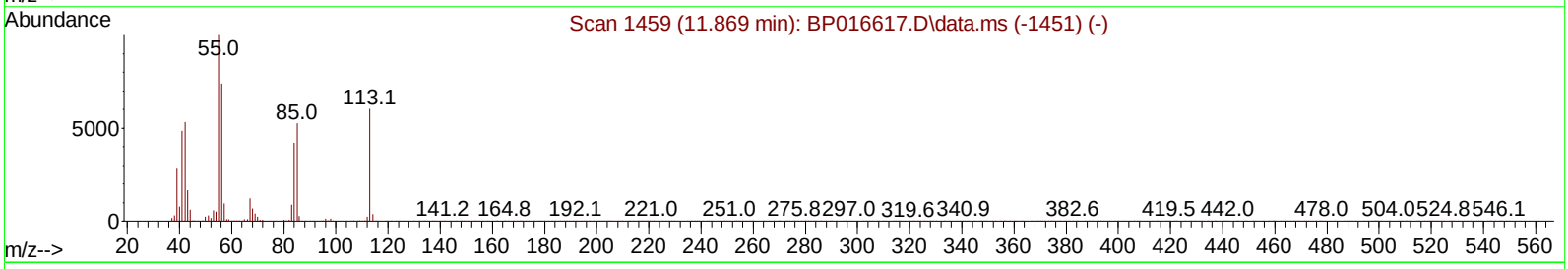

TIC: BP016629.D\data.ms

(34) Caprolactam

11.887min (+ 0.018) 24.51 ng/ul m

response 298286

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.50	164.31
56.00	126.90	121.42
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	8.058	152	480884	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	2312032	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	1486996	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	3373699	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	3176108	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	3373302	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	50432	3.985	ng/uL	0.00
4) Pyridine-d5	3.828	84	675580	17.546	ng/ul	0.00
7) Phenol-d5	7.193	99	914068	20.618	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	536546	18.375	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	634316	19.920	ng/ul	0.00
15) 4-Methylphenol-d8	8.758	113	722680	20.501	ng/ul	0.00
21) Nitrobenzene-d5	9.252	128	335484	20.622	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	354657	22.953	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	674534	22.183	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	981582	18.814	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	2099379	19.519	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	2412099	19.870	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	460282	21.008	ng/ul	0.01
60) Fluorene-d10	15.698	176	1789060	19.512	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	277542	17.293	ng/ul	0.00
73) Anthracene-d10	17.575	188	2883673	19.761	ng/ul	0.00
81) Pyrene-d10	19.804	212	3476904	20.892	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	3229642	19.978	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	97676	7.020	ng/uL	96
5) Pyridine	3.852	79	678238	16.978	ng/ul	99
6) Benzaldehyde	7.211	77	551664	22.573	ng/ul	97
8) Phenol	7.222	94	984735	20.782	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.487	93	746137	19.493	ng/ul	100
12) 2-Chlorophenol	7.605	128	694865	20.739	ng/ul	98
13) 2-Methylphenol	8.493	108	739571	21.487	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.587	45	1005224m	18.843	ng/ul	
16) Acetophenone	8.905	105	1196803	21.024	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.875	70	659396	21.598	ng/ul	98
18) 4-Methylphenol	8.828	108	818546	21.639	ng/ul	98
19) Hexachloroethane	9.128	117	271294	19.381	ng/ul	99
22) Nitrobenzene	9.293	77	925852	20.330	ng/ul	98
23) Isophorone	9.810	82	1876685	21.818	ng/ul	99
25) 2-Nitrophenol	9.999	139	409983	23.210	ng/ul	98
26) 2,4-Dimethylphenol	10.040	107	850367	20.421	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.299	93	1100808	19.965	ng/ul	100
29) 2,4-Dichlorophenol	10.522	162	701583	22.425	ng/ul	99
30) Naphthalene	10.940	128	2372116	19.637	ng/ul	100
32) 4-Chloroaniline	11.069	127	1018619	19.712	ng/ul	100
33) Hexachlorobutadiene	11.169	225	375460	19.909	ng/ul	99
34) Caprolactam	11.887	113	298286m	24.507	ng/ul	
35) 4-Chloro-3-methylphenol	12.157	107	895811	23.425	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.534	142	1635657	20.214	ng/ul	100
37) 1-Methylnaphthalene	12.757	142	1643930	20.177	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.887	216	796214	20.019	ng/ul	99
40) Hexachlorocyclopentadiene	12.840	237	344088	14.219	ng/ul	98
41) 2,4,6-Trichlorophenol	13.134	196	577912	23.347	ng/ul	99
42) 2,4,5-Trichlorophenol	13.204	196	643131	23.969	ng/ul	99
43) 1,1'-Biphenyl	13.540	154	2200355	19.907	ng/ul	99
44) 2-Chloronaphthalene	13.587	162	1724451	20.052	ng/ul	100
45) 2-Nitroaniline	13.816	65	626221	24.083	ng/ul	94
47) Dimethylphthalate	14.163	163	2298630	20.903	ng/ul	99
48) 2,6-Dinitrotoluene	14.304	165	474473	24.910	ng/ul	98
50) Acenaphthylene	14.434	152	2792545	19.533	ng/ul	100
51) 3-Nitroaniline	14.640	138	552535	25.872	ng/ul	98
52) Acenaphthene	14.769	153	1919492	20.057	ng/ul	99
53) 2,4-Dinitrophenol	14.840	184	188267	17.755	ng/ul	96
55) 4-Nitrophenol	14.928	109	398466	22.370	ng/ul	97
56) Dibenzofuran	15.104	168	2646113	20.265	ng/ul	100
57) 2,4-Dinitrotoluene	15.087	165	694690	24.355	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.316	232	548971	24.420	ng/ul	98
59) Diethylphthalate	15.516	149	2361451	21.003	ng/ul	99
61) Fluorene	15.757	166	2215092	20.689	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.745	204	1023424	20.363	ng/ul	98
63) 4-Nitroaniline	15.810	138	583434	28.546	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.840	198	312783	17.576	ng/ul#	94
67) N-Nitrosodiphenylamine	15.969	169	1916568	20.958	ng/ul	99
68) 4-Bromophenyl-phenylether	16.651	248	636480	21.130	ng/ul	96
69) Hexachlorobenzene	16.734	284	741019	21.054	ng/ul	98
70) Atrazine	16.922	200	659588	20.048	ng/ul	99
71) Pentachlorophenol	17.092	266	486204	22.437	ng/ul	97
72) Phenanthrene	17.516	178	3636054	20.457	ng/ul	100
74) Anthracene	17.610	178	3654821	20.472	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.493	216	795539	18.555	ng/uL	97
76) Pentachlorobenzene	14.998	250	790343	20.545	ng/uL	99
77) Carbazole	17.887	167	3587148	21.803	ng/ul	99
78) Di-n-butylphthalate	18.398	149	4376233	22.978	ng/ul	100
80) Fluoranthene	19.475	202	4454847	22.428	ng/ul	99
82) Pyrene	19.833	202	4615867	22.007	ng/ul	98
83) Butylbenzylphthalate	20.686	149	2216366	26.231	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.486	252	1487634	21.510	ng/ul	100
85) Benzo(a)anthracene	21.551	228	4512346	21.140	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.428	149	3231659	26.354	ng/ul#	98
87) Chrysene	21.610	228	4181968	20.937	ng/ul	99
89) Di-n-octyl phthalate	22.416	149	5674330	26.958	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	4393511	21.874	ng/ul	99
91) Benzo(k)fluoranthene	23.404	252	4255342	21.356	ng/ul	99
93) Benzo(a)pyrene	24.039	252	3720114	19.634	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.910	276	4342551	19.419	ng/ul	99
95) Dibenzo(a,h)anthracene	26.933	278	3619140	19.448	ng/ul	99
96) Benzo(g,h,i)perylene	27.768	276	3449347	19.381	ng/ul	97

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

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