Quantitation Report (Qedit)

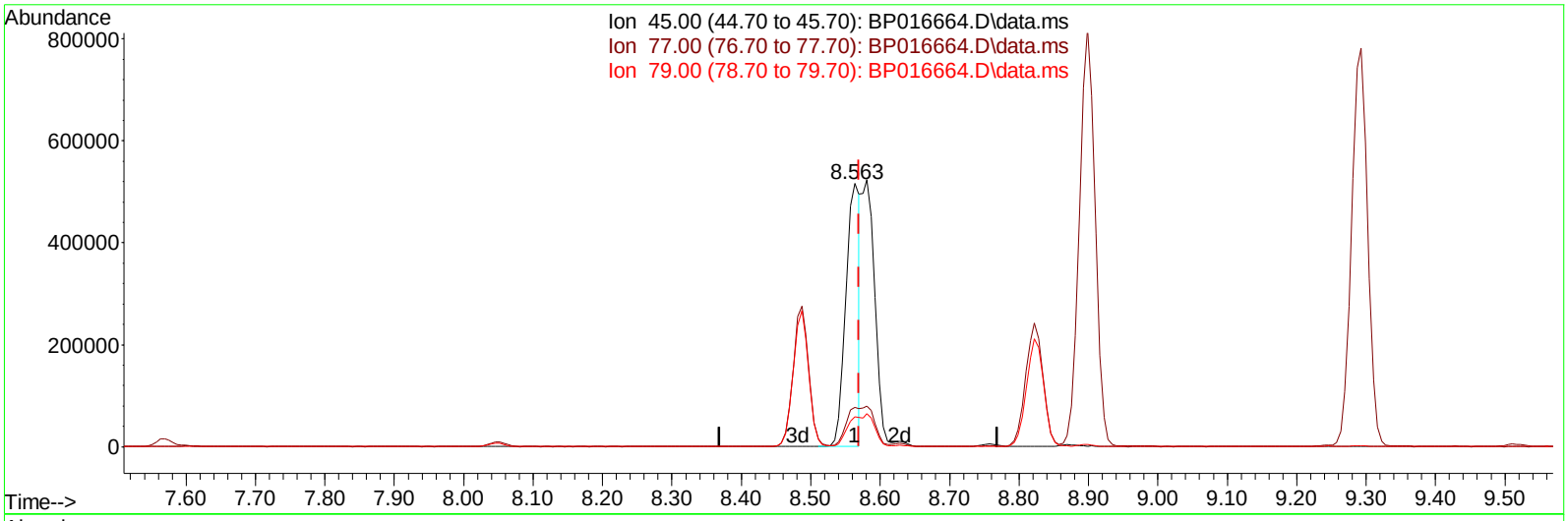
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
Data File : BP016664.D
Acq On : 19 Aug 2023 05:26
Operator : MA/JU
Sample : PB154871BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

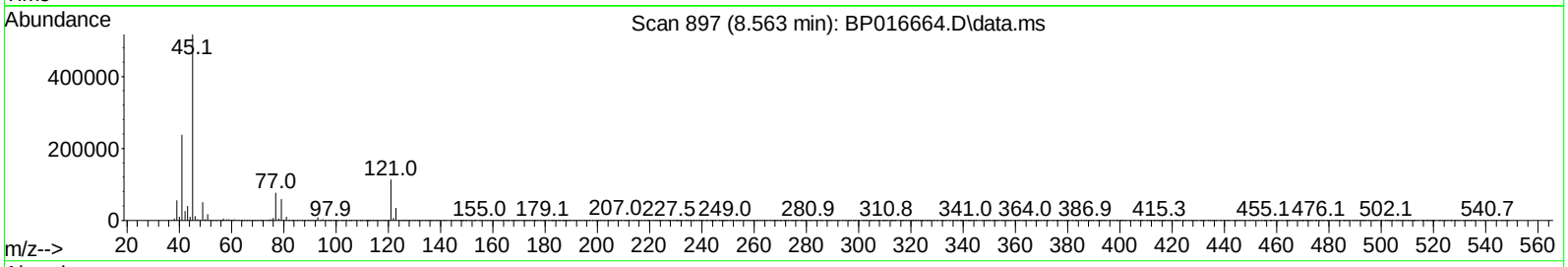
Quant Time: Aug 19 05:56:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 17 01:38:34 2023
Response via : Initial Calibration

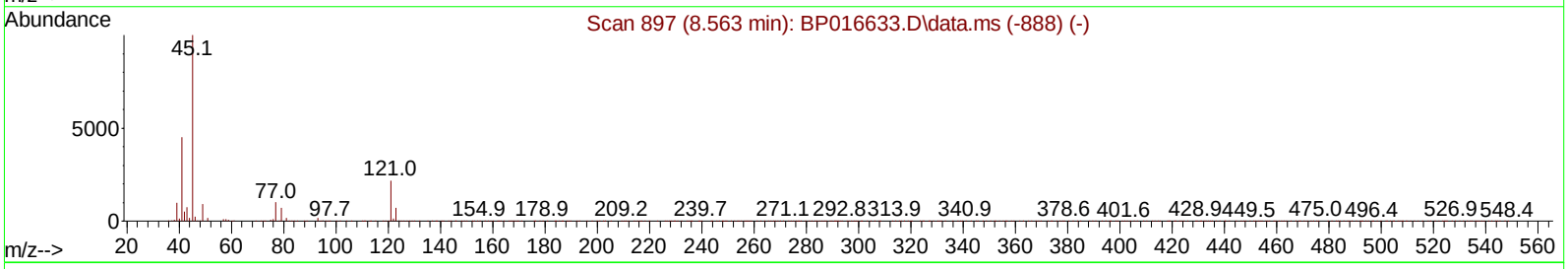
Instrument :
BNA_P
ClientSampleId :
SLCS871

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023







TIC: BP016664.D\data.ms

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

8.563min (-0.006) 18.43 ng/ul

response 721741

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.10	15.02
79.00	10.30	11.41
0.00	0.00	0.00

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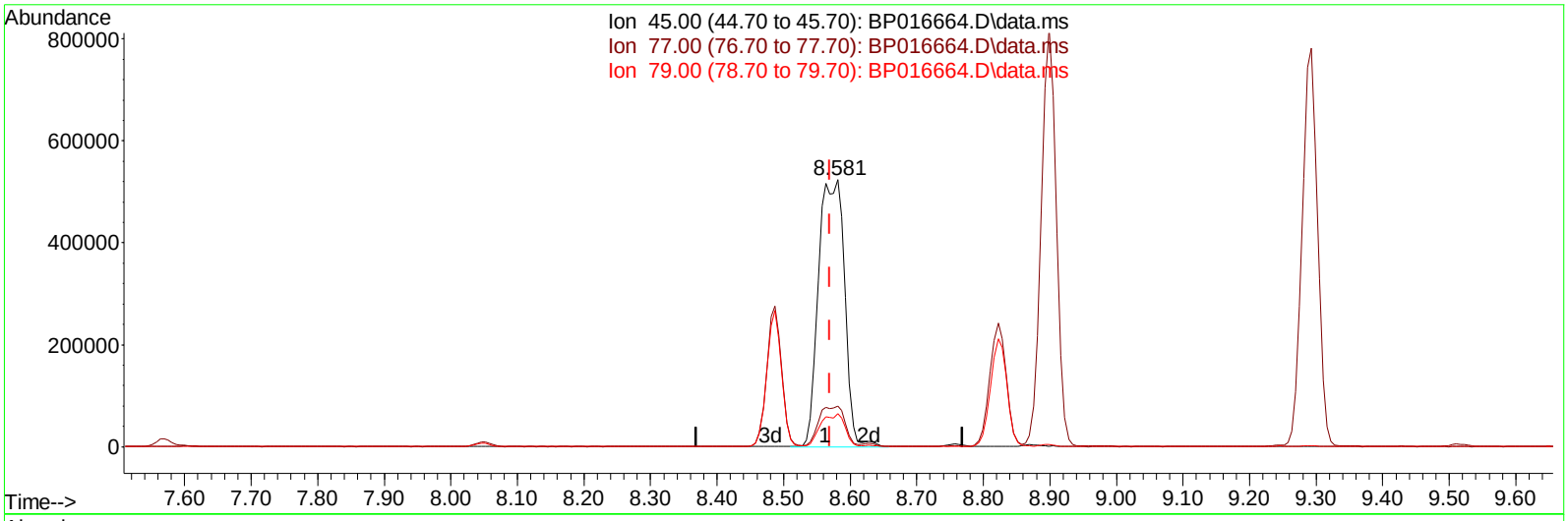

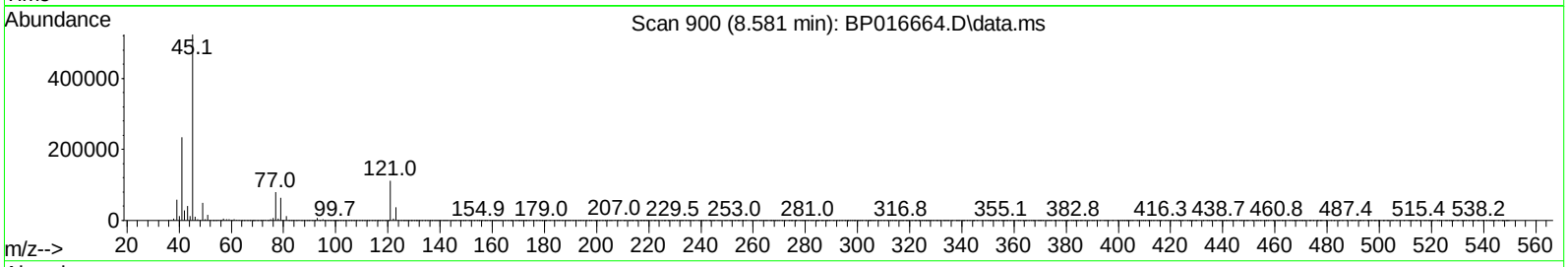

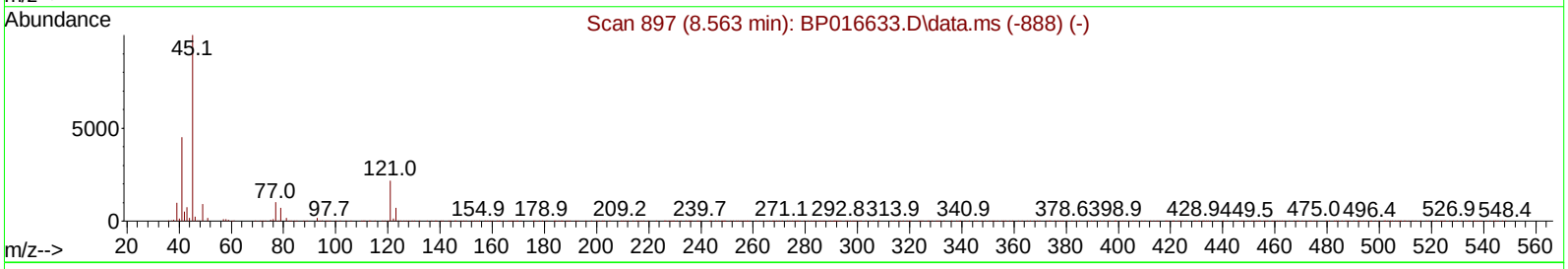

TIC: BP016664.D\data.ms

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

8.581min (+ 0.012) 36.33 ng/ul m

response 1422309

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.10	15.26
79.00	10.30	12.38#
0.00	0.00	0.00

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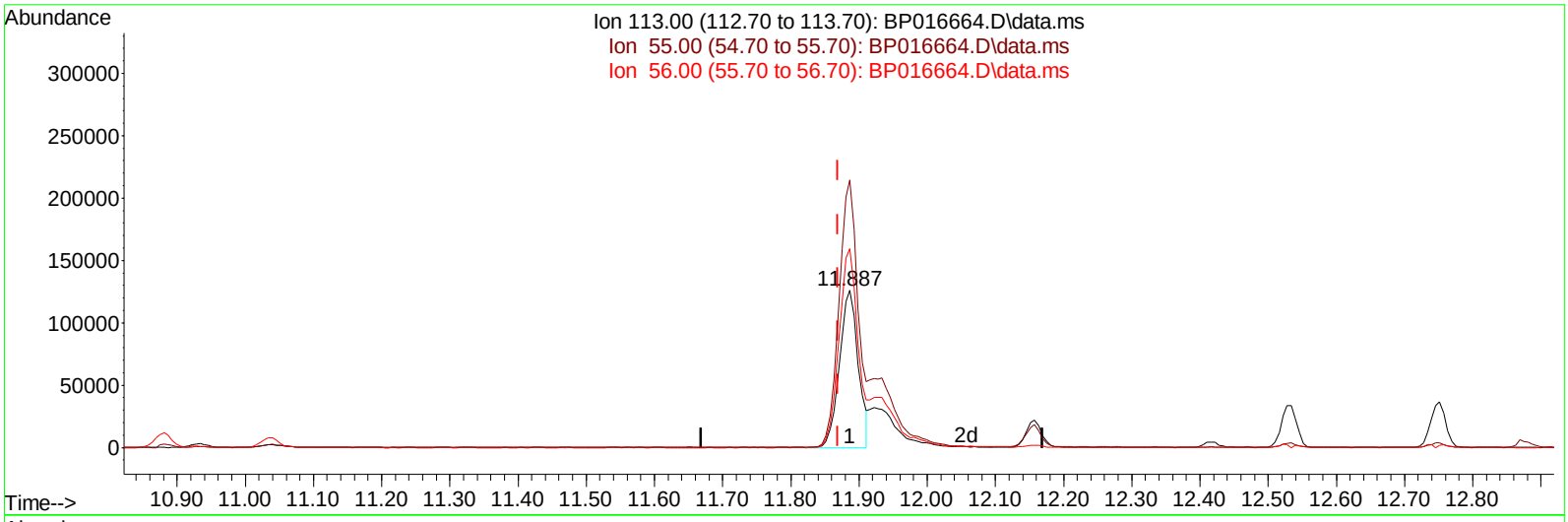

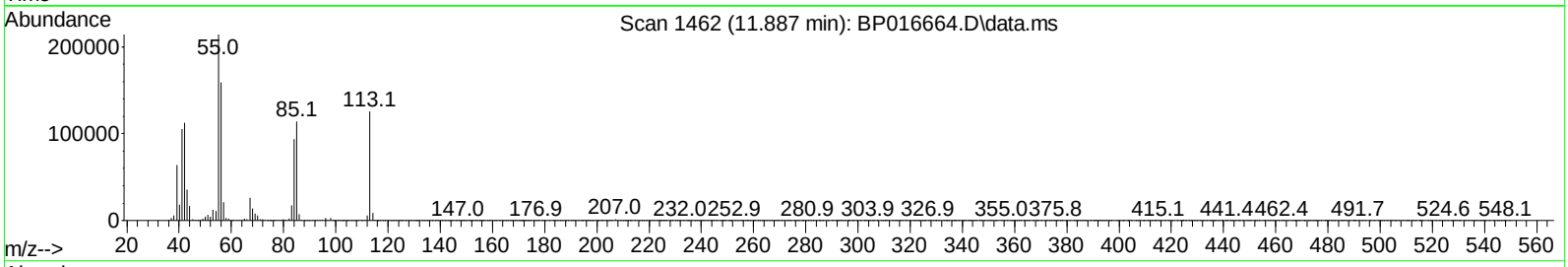

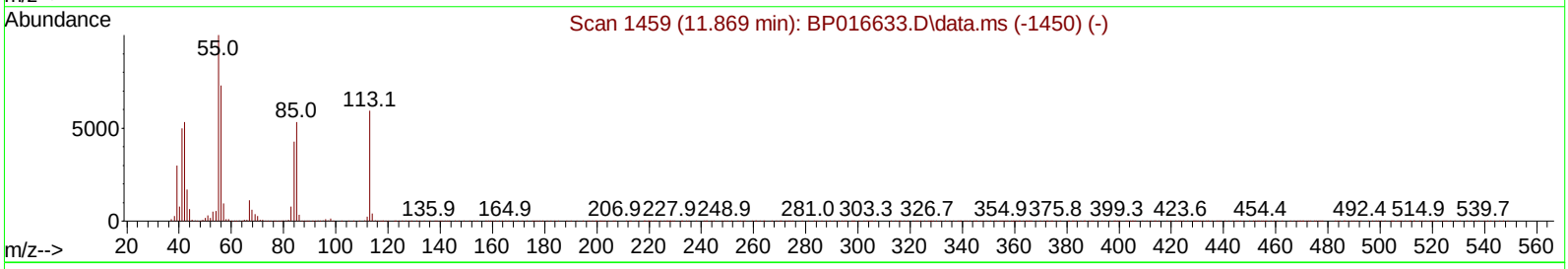

TIC: BP016664.D\data.ms

(34) Caprolactam

11.887min (+ 0.018) 28.91 ng/ul

response 240408

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.50	170.12
56.00	126.90	126.49
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 19 Aug 2023 05:26
Operator : MA/JU
Sample : PB154871BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 19 05:56:58 2023
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Quant Title : SVOA CALIBRATION
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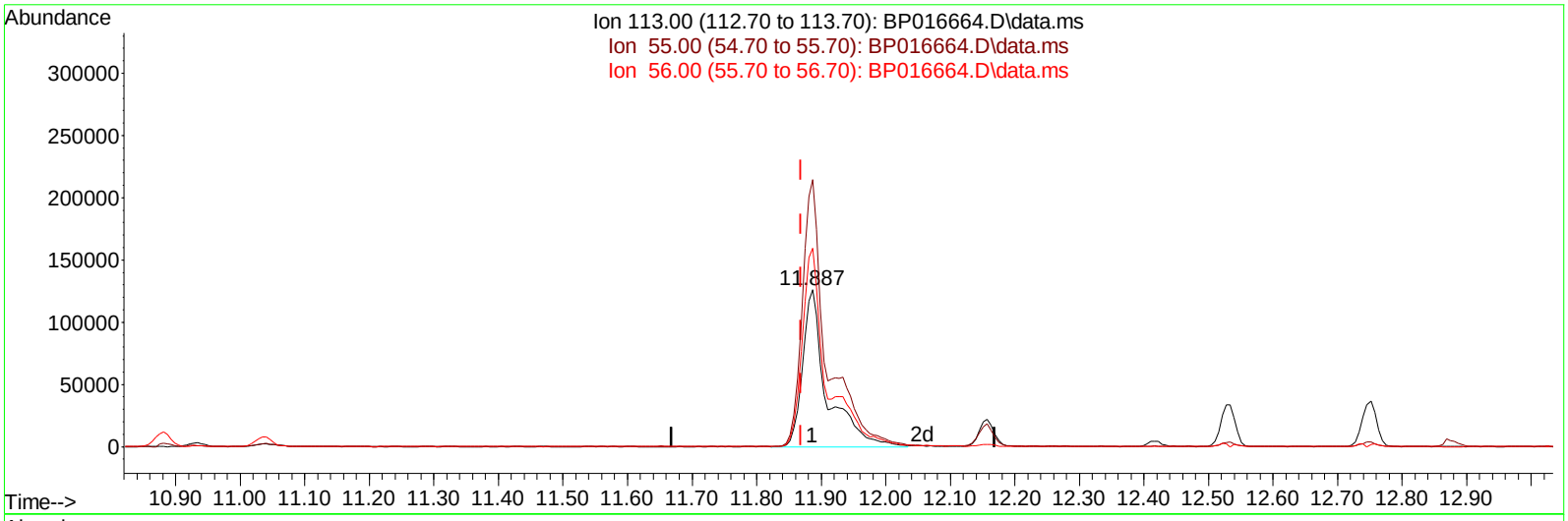

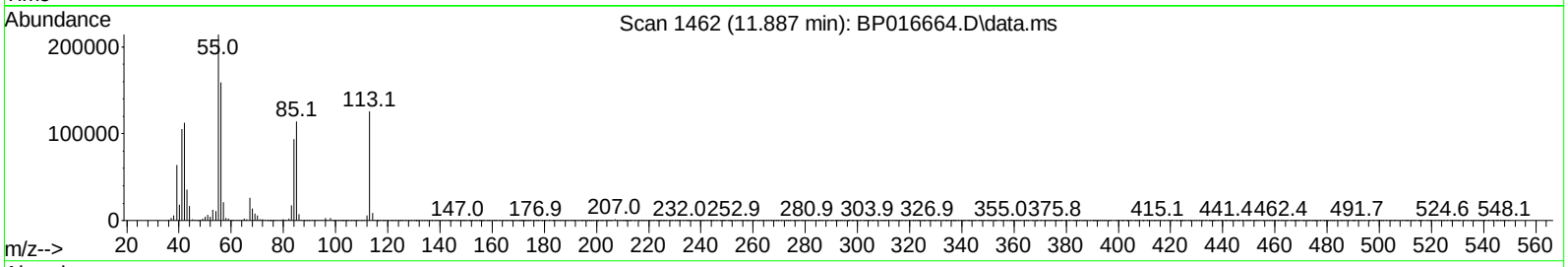

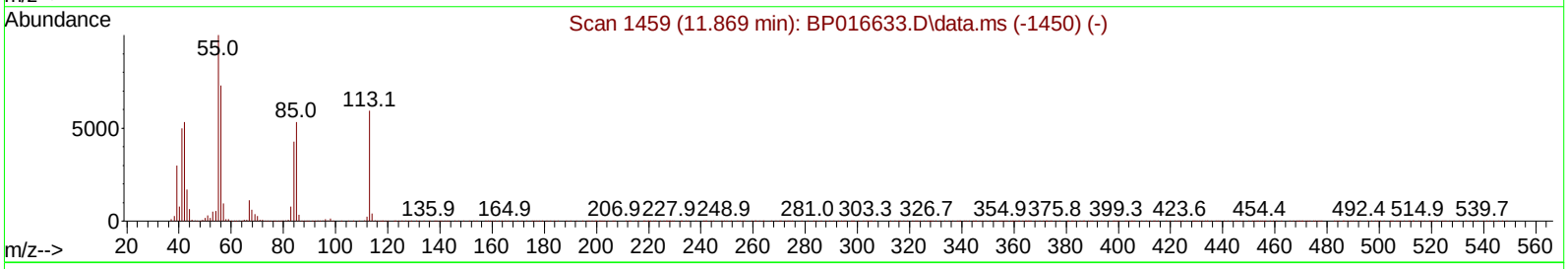

TIC: BP016664.D\data.ms

(34) Caprolactam

11.887min (+ 0.018) 40.07 ng/ul m

response 333231

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.50	170.12
56.00	126.90	126.49
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/21/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	352954	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1579606	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	966483	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	2062514	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	1545663	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	1365580	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	82478	8.879	ng/uL	0.00
4) Pyridine-d5	3.828	84	996347	35.257	ng/ul	0.00
7) Phenol-d5	7.193	99	1242964	38.198	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	766868	35.781	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	889186	38.045	ng/ul	0.00
15) 4-Methylphenol-d8	8.758	113	954976	36.909	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	449739	40.464	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	482146	45.673	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	863505	41.566	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	1243191	34.877	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	2572535	36.800	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	2972663	37.675	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	504122	35.400	ng/ul	0.01
60) Fluorene-d10	15.692	176	2177358	36.536	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	379369	38.664	ng/ul	0.00
73) Anthracene-d10	17.569	188	3293692	36.919	ng/ul	0.00
81) Pyrene-d10	19.798	212	3619752	44.694	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	2571352	39.291	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	153540	15.034	ng/uL	98
5) Pyridine	3.846	79	993521	33.884	ng/ul	100
6) Benzaldehyde	7.205	77	777514	43.346	ng/ul	96
8) Phenol	7.222	94	1349419	38.800	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.481	93	1053965	37.516	ng/ul	100
12) 2-Chlorophenol	7.605	128	971458	39.504	ng/ul	98
13) 2-Methylphenol	8.487	108	986814	39.063	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.581	45	1422309m	36.325	ng/ul	
16) Acetophenone	8.899	105	1588754	38.025	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.875	70	883246	39.416	ng/ul	99
18) 4-Methylphenol	8.822	108	1090656	39.282	ng/ul	96
19) Hexachloroethane	9.122	117	399820	38.915	ng/ul	98
22) Nitrobenzene	9.293	77	1259857	40.491	ng/ul	98
23) Isophorone	9.810	82	2442093	41.555	ng/ul	99
25) 2-Nitrophenol	9.993	139	552908	45.815	ng/ul	99
26) 2,4-Dimethylphenol	10.034	107	1068546	37.558	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.293	93	1486846	39.469	ng/ul	99
29) 2,4-Dichlorophenol	10.516	162	915162	42.815	ng/ul	100
30) Naphthalene	10.934	128	3149070	38.156	ng/ul	99
32) 4-Chloroaniline	11.063	127	1276921	36.169	ng/ul	100
33) Hexachlorobutadiene	11.163	225	511427	39.693	ng/ul	98
34) Caprolactam	11.887	113	333231m	40.073	ng/ul	
35) 4-Chloro-3-methylphenol	12.157	107	1122684	42.971	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	2110396	38.174	ng/ul	100
37) 1-Methylnaphthalene	12.751	142	2102318	37.768	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.881	216	1021500	39.515	ng/ul	98
40) Hexachlorocyclopentadiene	12.834	237	533235	33.902	ng/ul	99
41) 2,4,6-Trichlorophenol	13.128	196	710934	44.190	ng/ul	100
42) 2,4,5-Trichlorophenol	13.198	196	779459	44.696	ng/ul	99
43) 1,1'-Biphenyl	13.534	154	2795971	38.920	ng/ul	99
44) 2-Chloronaphthalene	13.587	162	2158998	38.626	ng/ul	99
45) 2-Nitroaniline	13.810	65	763633	45.184	ng/ul	97
47) Dimethylphthalate	14.163	163	2808072	39.288	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	580753	46.911	ng/ul	99
50) Acenaphthylene	14.428	152	3437150	36.990	ng/ul	99
51) 3-Nitroaniline	14.640	138	638103	45.969	ng/ul	94
52) Acenaphthene	14.763	153	2366630	38.047	ng/ul	98
53) 2,4-Dinitrophenol	14.834	184	272441	39.531	ng/ul	97
55) 4-Nitrophenol	14.922	109	444334	38.380	ng/ul	99
56) Dibenzofuran	15.098	168	3217647	37.914	ng/ul	100
57) 2,4-Dinitrotoluene	15.081	165	829361	44.737	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.316	232	636754	43.580	ng/ul	97
59) Diethylphthalate	15.516	149	2914093	39.876	ng/ul	99
61) Fluorene	15.751	166	2647855	38.050	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.740	204	1244546	38.099	ng/ul	99
63) 4-Nitroaniline	15.810	138	636170	47.890	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.834	198	421262	38.721	ng/ul#	97
67) N-Nitrosodiphenylamine	15.963	169	2279714	40.776	ng/ul	99
68) 4-Bromophenyl-phenylether	16.645	248	770335	41.831	ng/ul	98
69) Hexachlorobenzene	16.728	284	863111	40.112	ng/ul	99
70) Atrazine	16.922	200	769298	38.247	ng/ul	98
71) Pentachlorophenol	17.092	266	525189	39.643	ng/ul	98
72) Phenanthrene	17.510	178	4219103	38.828	ng/ul	100
74) Anthracene	17.604	178	4192915	38.416	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.493	216	1004584	38.326	ng/uL	96
76) Pentachlorobenzene	14.993	250	970331	41.259	ng/uL	100
77) Carbazole	17.881	167	3964244	39.413	ng/ul	99
78) Di-n-butylphthalate	18.392	149	5133499	44.089	ng/ul	99
80) Fluoranthene	19.469	202	4767639	49.323	ng/ul	97
82) Pyrene	19.828	202	4835260	47.371	ng/ul	99
83) Butylbenzylphthalate	20.686	149	2297657	55.878	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.486	252	1342313	39.881	ng/ul	99
85) Benzo(a)anthracene	21.551	228	4111484	39.580	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.422	149	3252376	54.500	ng/ul	99
87) Chrysene	21.604	228	3846882	39.575	ng/ul	99
89) Di-n-octyl phthalate	22.410	149	4984669	58.499	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	3500132	43.047	ng/ul	99
91) Benzo(k)fluoranthene	23.398	252	3440485	42.652	ng/ul	98
93) Benzo(a)pyrene	24.033	252	2962929	38.629	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.898	276	3686845	40.727	ng/ul	99
95) Dibenzo(a,h)anthracene	26.927	278	3039084	40.341	ng/ul	99
96) Benzo(g,h,i)perylene	27.757	276	3016651	41.870	ng/ul	98

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

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