Quantitation Report (Qedit)

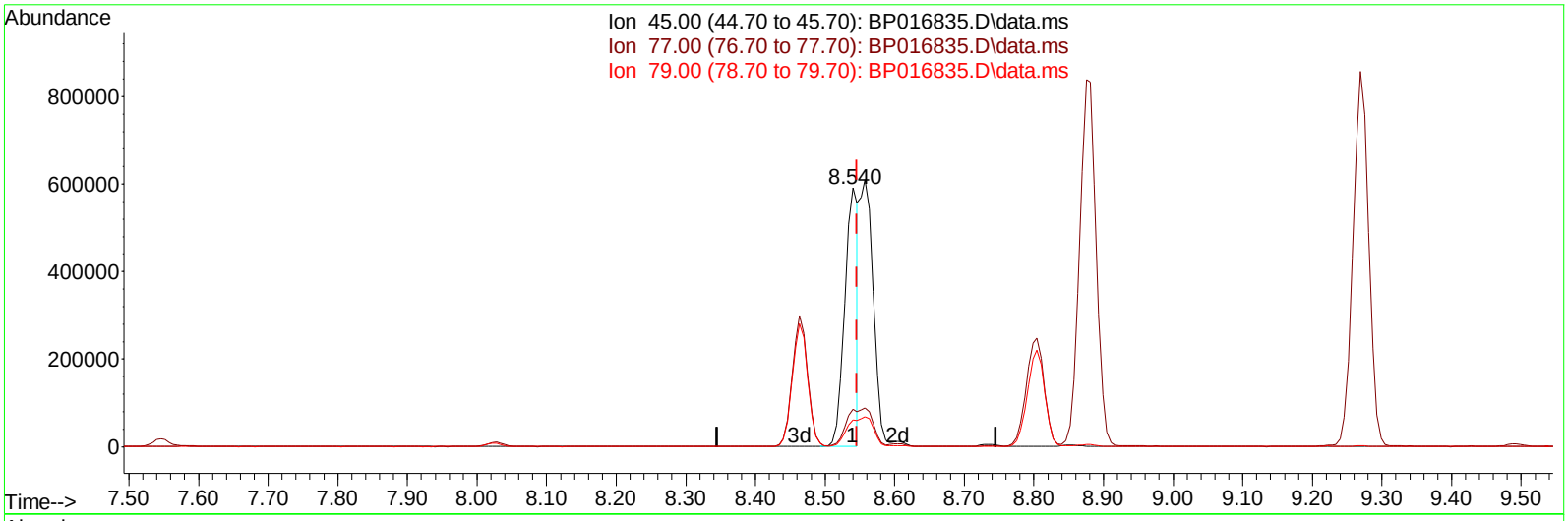
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016835.D
Acq On : 29 Aug 2023 16:46
Operator : MA/JU
Sample : PB155098BS
Misc :
ALS Vial : 53 Sample Multiplier: 1

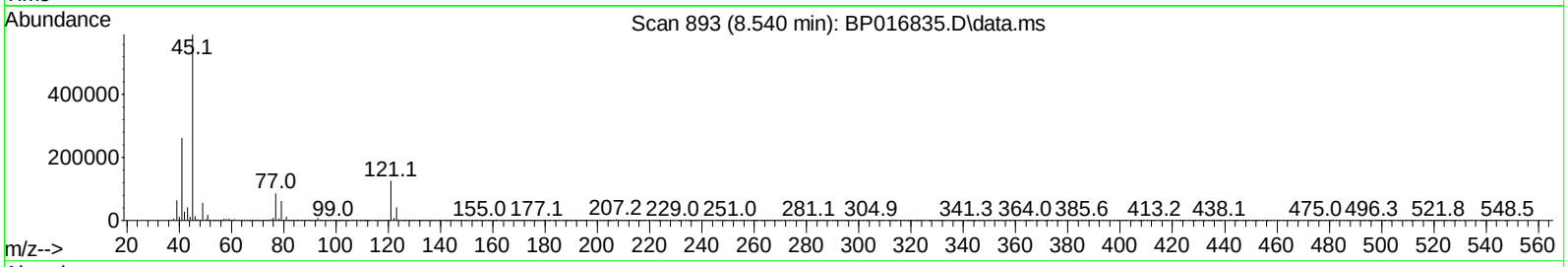
Quant Time: Aug 29 22:26:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 29 01:12:28 2023
Response via : Initial Calibration

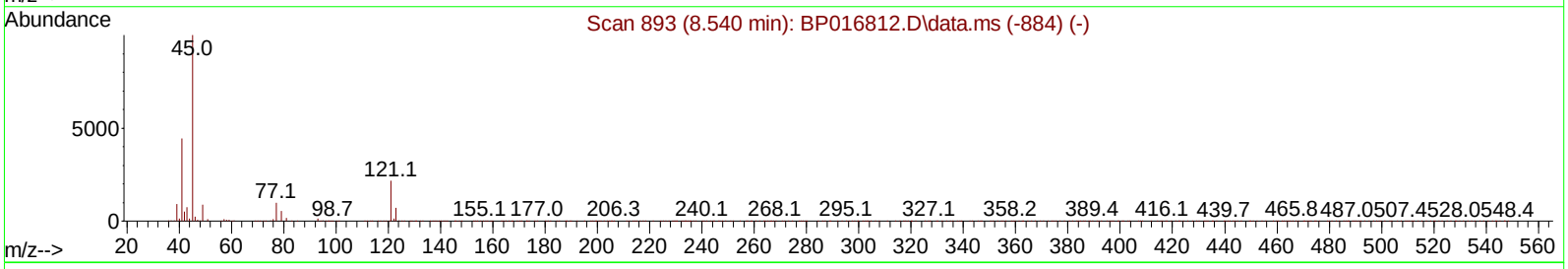
Instrument :
BNA_P
ClientSampleId :
SLCS098

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/31/2023







TIC: BP016835.D\data.ms

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

8.540min (-0.006) 15.76 ng/ul

response 775932

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.90	14.61
79.00	10.30	10.38
0.00	0.00	0.00

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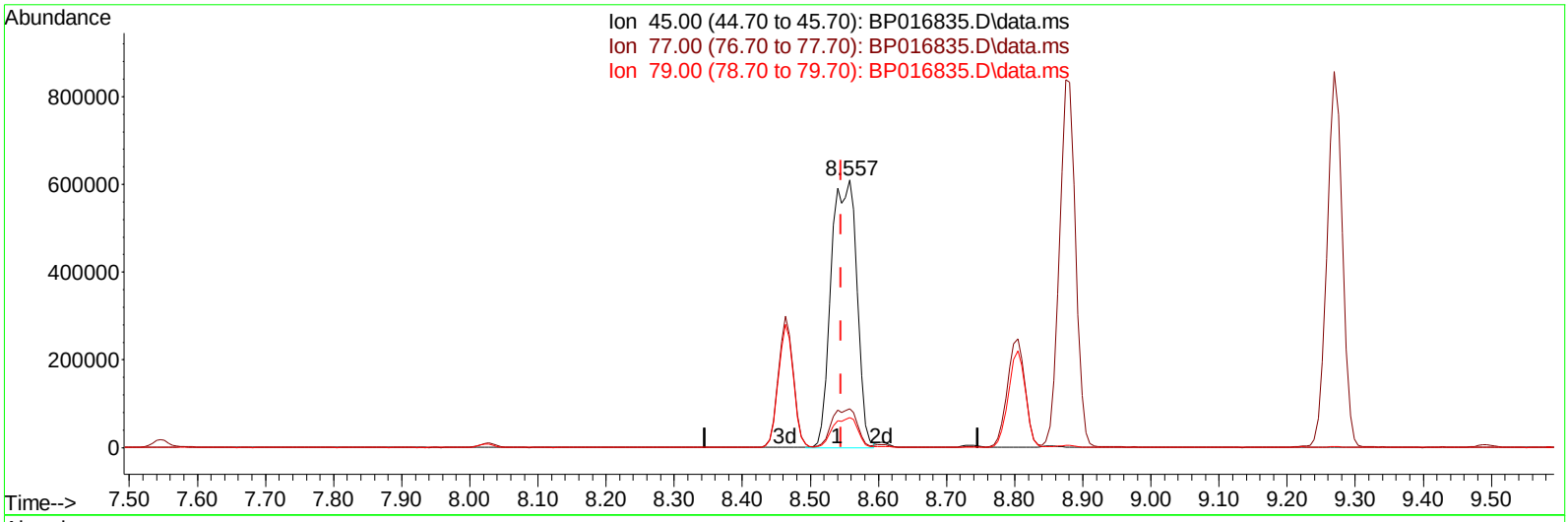

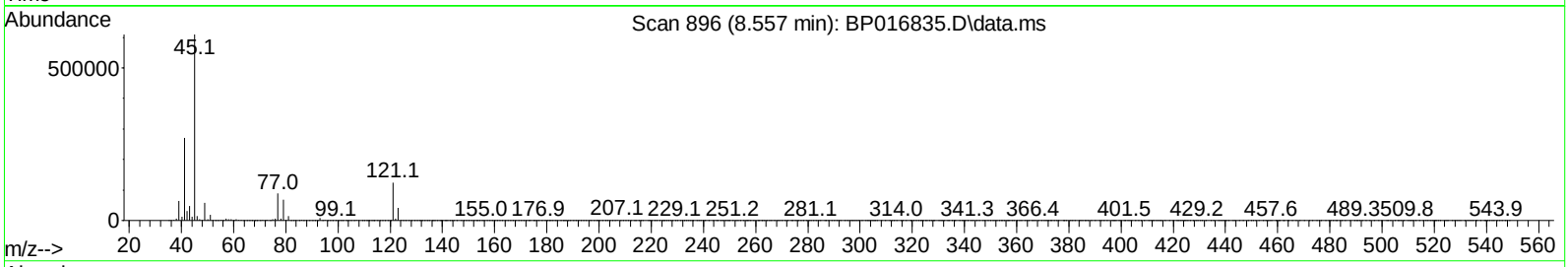

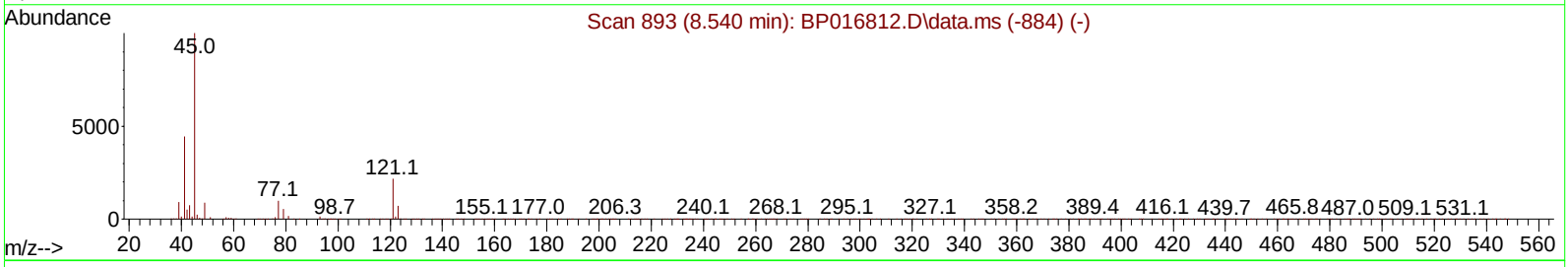

TIC: BP016835.D\data.ms

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

8.557min (+ 0.012) 32.36 ng/ul m

response 1593582

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.90	14.51
79.00	10.30	11.14
0.00	0.00	0.00

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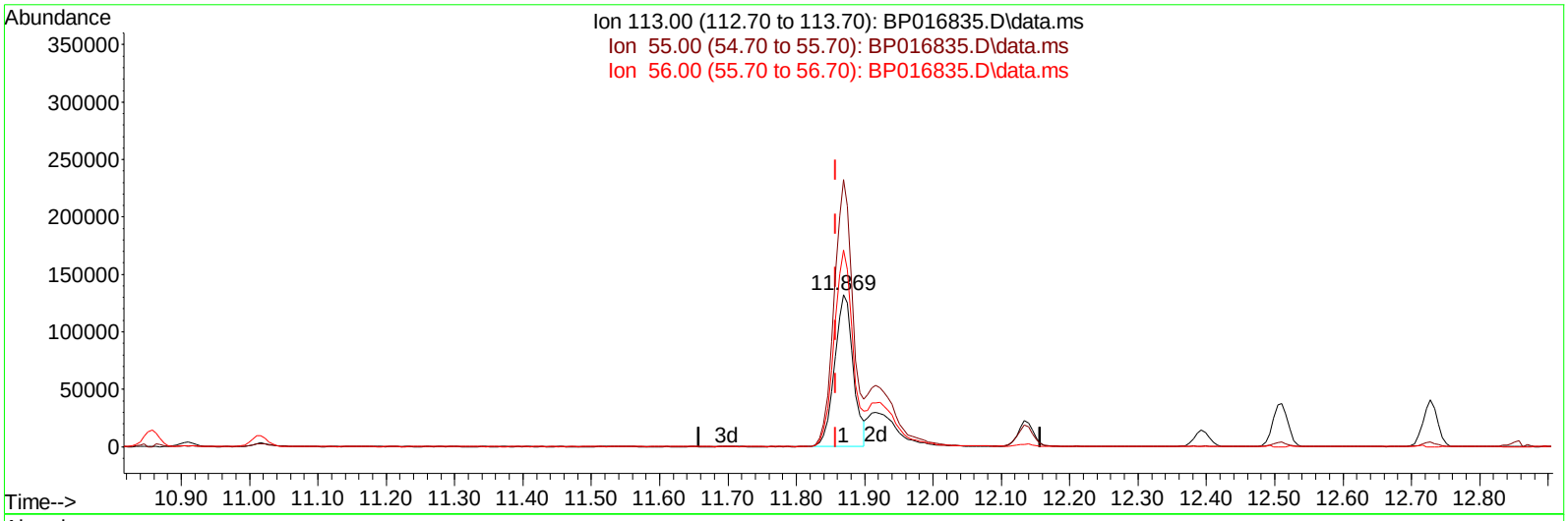

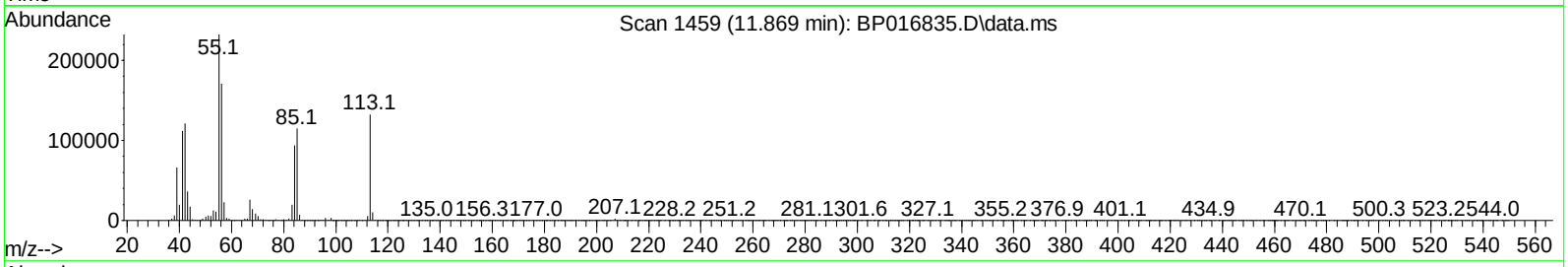

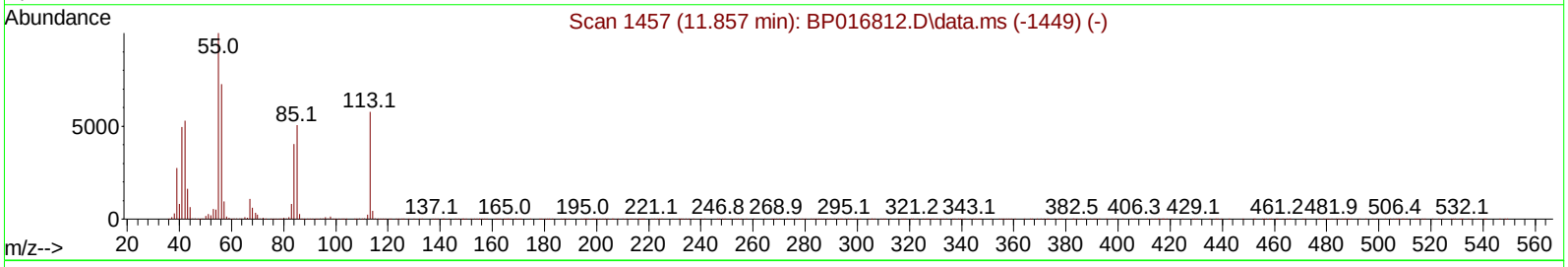

TIC: BP016835.D\data.ms

(34) Caprolactam

11.869min (+ 0.012) 23.17 ng/ul

response 251149

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.70	175.53
56.00	130.60	129.16
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 29 Aug 2023 16:46
Operator : MA/JU
Sample : PB155098BS
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Aug 29 23:14:11 2023
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Quant Title : SVOA CALIBRATION
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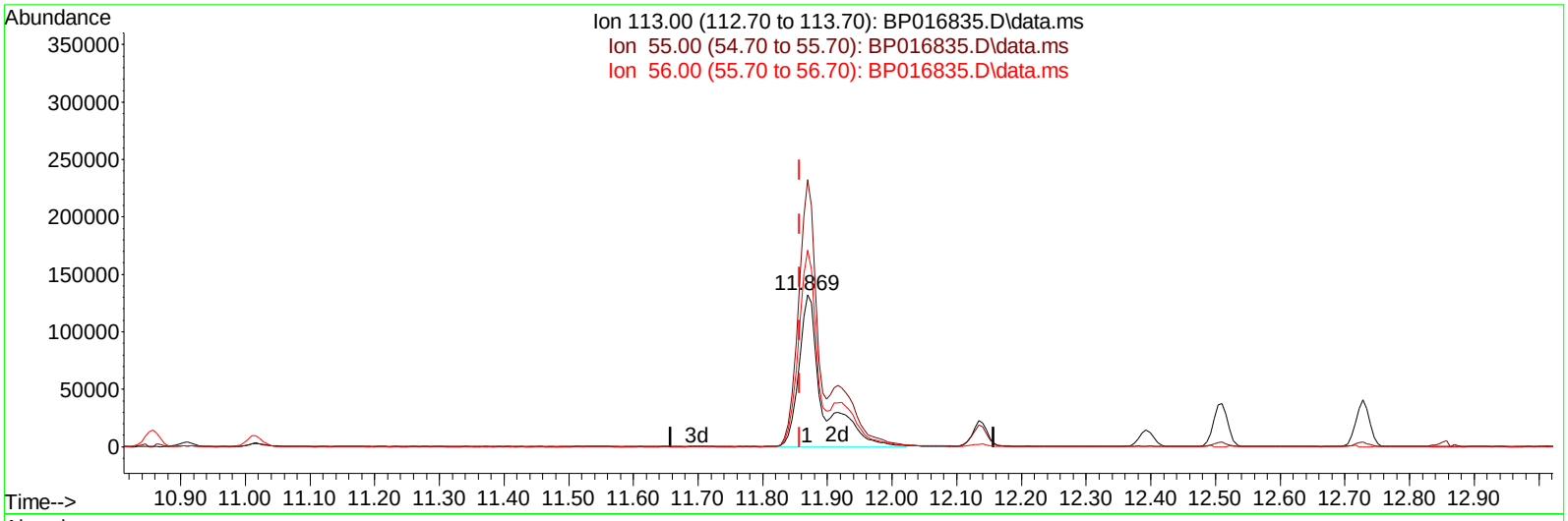

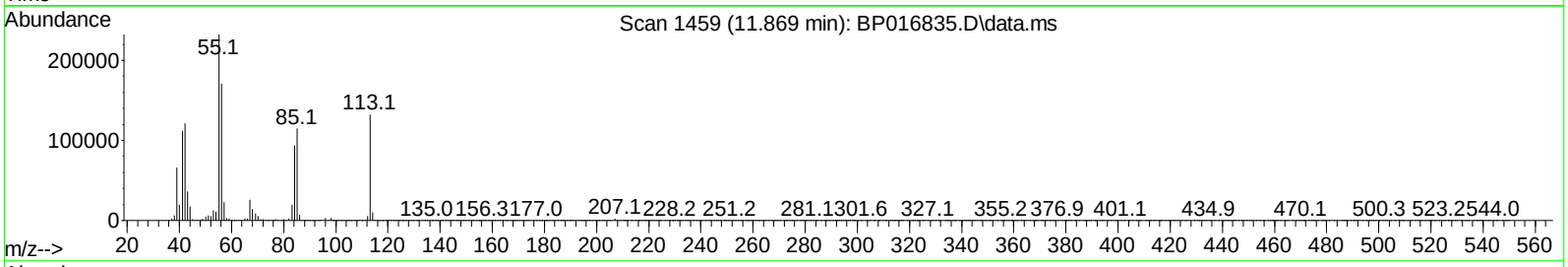

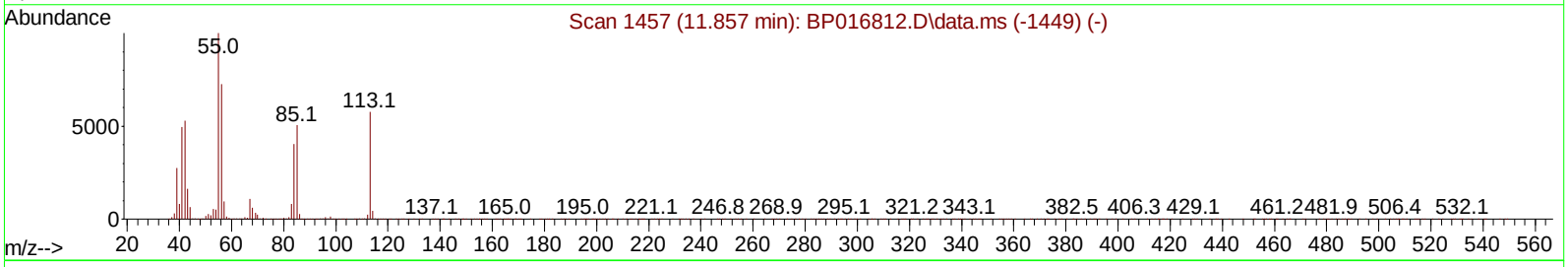

TIC: BP016835.D\data.ms

(34) Caprolactam

11.869min (+ 0.012) 31.62 ng/ul m

response 342623

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.70	175.53
56.00	130.60	129.16
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BP016835.D
Acq On : 29 Aug 2023 16:46
Operator : MA/JU
Sample : PB155098BS
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Aug 29 23:14:44 2023
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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	8.028	152	449420	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	1968970	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.681	164	1225287	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	2571468	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	1709649	20.000	ng/ul	0.00
88) Perylene-d12	24.115	264	1547723	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	70219	6.457	ng/uL	0.00
4) Pyridine-d5	3.817	84	1061839	31.954	ng/ul	0.00
7) Phenol-d5	7.169	99	1435577	35.923	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	859588	33.749	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	1060110	35.282	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	1110893	34.053	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	532691	35.782	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	595718	37.962	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	1090533	37.277	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	1407432	31.371	ng/ul	0.00
46) Dimethylphthalate-d6	14.092	166	3106294	33.617	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	3654244	34.983	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	562432	29.448	ng/ul	0.00
60) Fluorene-d10	15.675	176	2703682	34.745	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	487799	31.853	ng/ul	0.00
73) Anthracene-d10	17.551	188	4030685	35.363	ng/ul	0.00
81) Pyrene-d10	19.780	212	4182531	44.544	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	2810568	36.253	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	164666	13.905	ng/uL	98
5) Pyridine	3.834	79	1071107	31.292	ng/ul	98
6) Benzaldehyde	7.181	77	819243	37.487	ng/ul	100
8) Phenol	7.199	94	1474557	35.257	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.458	93	1153613	34.172	ng/ul	99
12) 2-Chlorophenol	7.581	128	1107057	36.046	ng/ul	98
13) 2-Methylphenol	8.463	108	1093809	34.866	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.557	45	1593582m	32.361	ng/ul	
16) Acetophenone	8.881	105	1745489	34.506	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.852	70	929121	34.853	ng/ul	99
18) 4-Methylphenol	8.805	108	1195061	34.982	ng/ul	98
19) Hexachloroethane	9.099	117	436498	34.158	ng/ul	94
22) Nitrobenzene	9.269	77	1354217	35.457	ng/ul	99
23) Isophorone	9.787	82	2593441	34.962	ng/ul	100
25) 2-Nitrophenol	9.975	139	646213	37.243	ng/ul	99
26) 2,4-Dimethylphenol	10.010	107	1178235	33.785	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.269	93	1590194	34.748	ng/ul	99
29) 2,4-Dichlorophenol	10.493	162	1088381	37.037	ng/ul	100
30) Naphthalene	10.910	128	3595003	35.247	ng/ul	100
32) 4-Chloroaniline	11.040	127	1375038	31.188	ng/ul	99
33) Hexachlorobutadiene	11.140	225	630308	34.820	ng/ul	97
34) Caprolactam	11.869	113	342623m	31.615	ng/ul	
35) 4-Chloro-3-methylphenol	12.134	107	1191566	36.158	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.510	142	2451295	34.819	ng/ul	100
37) 1-Methylnaphthalene	12.728	142	2454714	34.576	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.857	216	1252087	35.853	ng/ul	99
40) Hexachlorocyclopentadiene	12.810	237	652664	25.413	ng/ul	97
41) 2,4,6-Trichlorophenol	13.110	196	868309	37.233	ng/ul	99
42) 2,4,5-Trichlorophenol	13.181	196	937499	37.150	ng/ul	100
43) 1,1'-Biphenyl	13.516	154	3267335	35.865	ng/ul	100
44) 2-Chloronaphthalene	13.563	162	2581647	35.898	ng/ul	99
45) 2-Nitroaniline	13.798	65	794514	36.428	ng/ul	95
47) Dimethylphthalate	14.140	163	3256540	34.799	ng/ul	100
48) 2,6-Dinitrotoluene	14.287	165	686575	37.441	ng/ul	97
50) Acenaphthylene	14.410	152	4007215	33.516	ng/ul	99
51) 3-Nitroaniline	14.622	138	677713	35.492	ng/ul	97
52) Acenaphthene	14.745	153	2763773	34.941	ng/ul	99
53) 2,4-Dinitrophenol	14.822	184	319606	23.986	ng/ul	96
55) 4-Nitrophenol	14.910	109	436240	30.244	ng/ul	98
56) Dibenzofuran	15.081	168	3827357	35.265	ng/ul	99
57) 2,4-Dinitrotoluene	15.069	165	968958	35.900	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.298	232	765489	35.631	ng/ul	98
59) Diethylphthalate	15.498	149	3265054	34.344	ng/ul	99
61) Fluorene	15.734	166	3176058	34.987	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.722	204	1562979	35.068	ng/ul	100
63) 4-Nitroaniline	15.792	138	642083	35.339	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.822	198	508496	30.799	ng/ul	97
67) N-Nitrosodiphenylamine	15.945	169	2656067	37.345	ng/ul	100
68) 4-Bromophenyl-phenylether	16.628	248	918897	37.272	ng/ul	98
69) Hexachlorobenzene	16.710	284	994911	36.042	ng/ul	99
70) Atrazine	16.904	200	831763	31.020	ng/ul	99
71) Pentachlorophenol	17.075	266	591292	28.856	ng/ul	99
72) Phenanthrene	17.492	178	4878511	36.037	ng/ul	99
74) Anthracene	17.586	178	4865000	35.541	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.469	216	1234452	35.852	ng/uL	99
76) Pentachlorobenzene	14.975	250	1176965	38.250	ng/uL	99
77) Carbazole	17.869	167	4344086	35.237	ng/ul	100
78) Di-n-butylphthalate	18.375	149	5587846	36.331	ng/ul	100
80) Fluoranthene	19.451	202	5279874	46.810	ng/ul	99
82) Pyrene	19.816	202	5292810	45.427	ng/ul	97
83) Butylbenzylphthalate	20.669	149	2262566	45.028	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.469	252	1334024	36.506	ng/ul	99
85) Benzo(a)anthracene	21.527	228	4299502	36.510	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.404	149	3216407	43.838	ng/ul	99
87) Chrysene	21.586	228	3949297	36.919	ng/ul	99
89) Di-n-octyl phthalate	22.380	149	4724543	40.535	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	3648268	36.914	ng/ul	99
91) Benzo(k)fluoranthene	23.368	252	3577160	36.597	ng/ul	99
93) Benzo(a)pyrene	23.998	252	3149051	35.225	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.845	276	3971201	43.472	ng/ul	99
95) Dibenzo(a,h)anthracene	26.874	278	3281294	43.247	ng/ul	99
96) Benzo(g,h,i)perylene	27.704	276	3214231	46.410	ng/ul	99

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

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