Quantitation Report (Qedit)

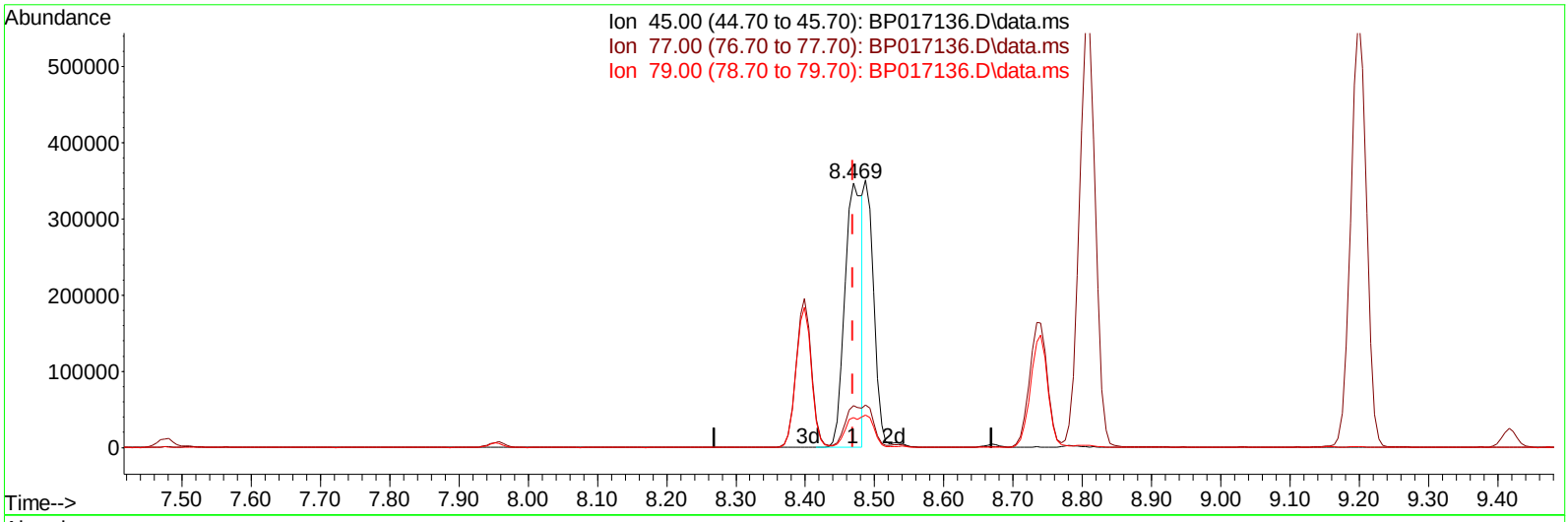
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017136.D
Acq On : 13 Sep 2023 03:01
Operator : MA/JU
Sample : PB155340BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

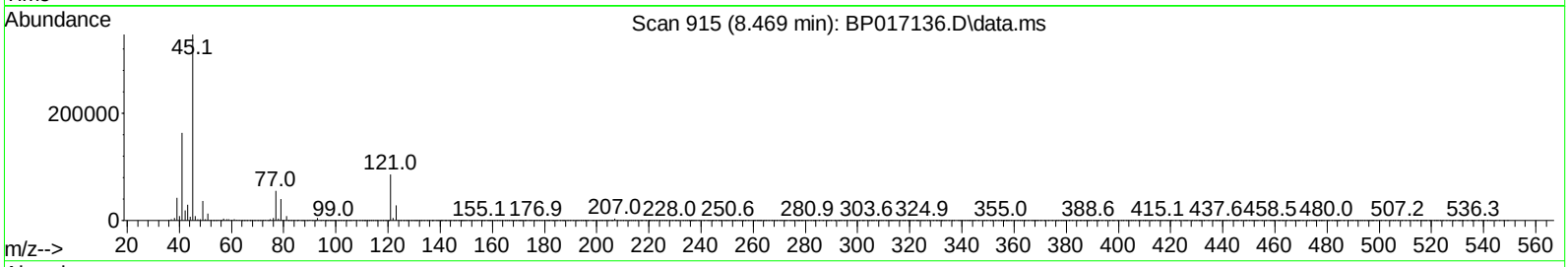
Quant Time: Sep 13 04:11:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 23:27:27 2023
Response via : Initial Calibration

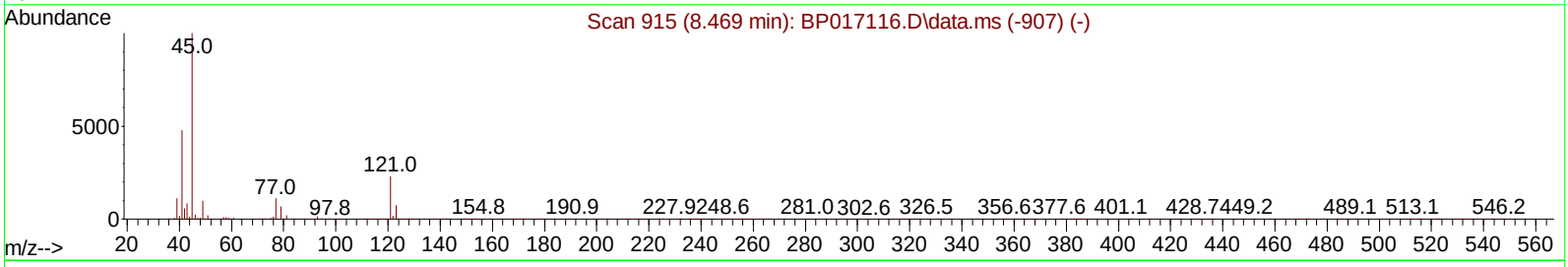
Instrument :
BNA_P
ClientSampleId :
SLCS340

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BP017136.D\data.ms

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

8.469min (+ 0.000) 20.93 ng/ul

response 595341

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.60	15.79
79.00	11.00	11.42
0.00	0.00	0.00

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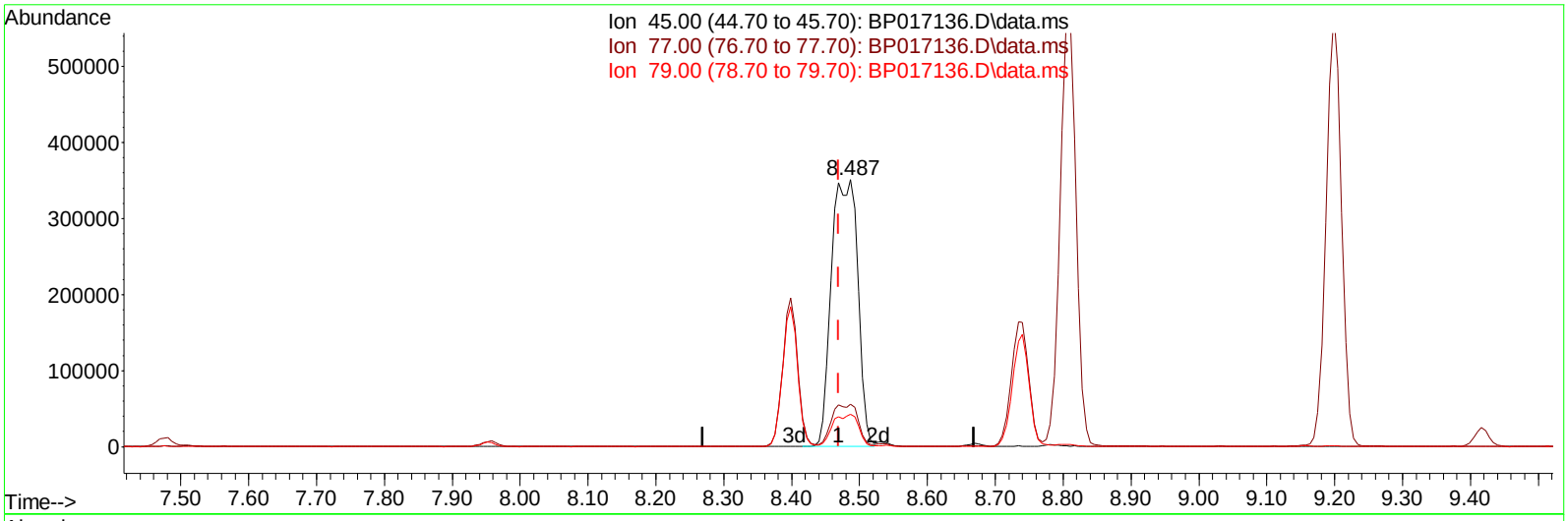

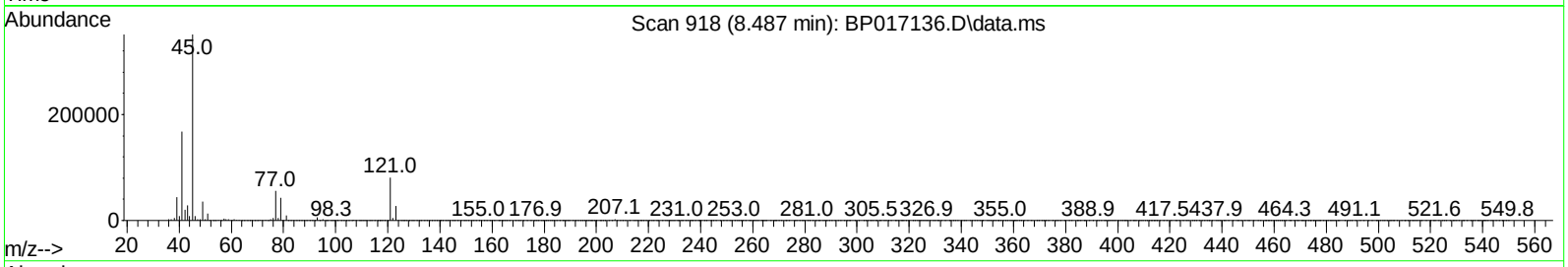

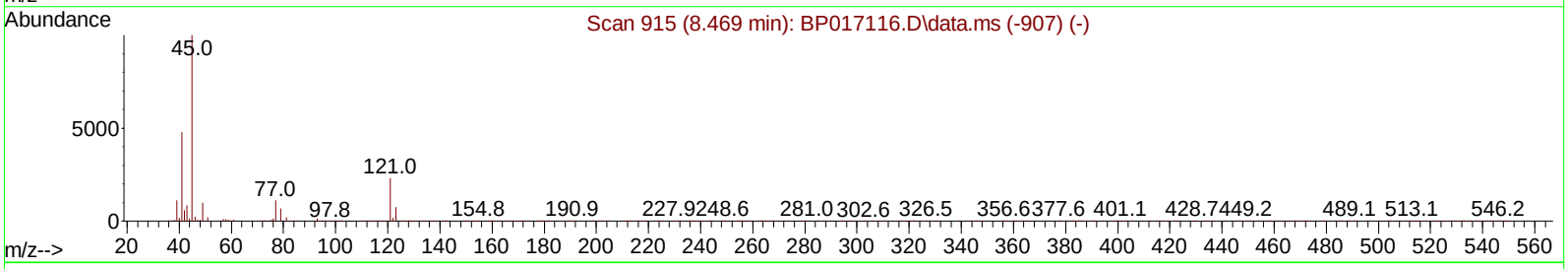

TIC: BP017136.D\data.ms

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

8.487min (+ 0.018) 33.37 ng/ul m

response 949112

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.60	15.90
79.00	11.00	12.16
0.00	0.00	0.00

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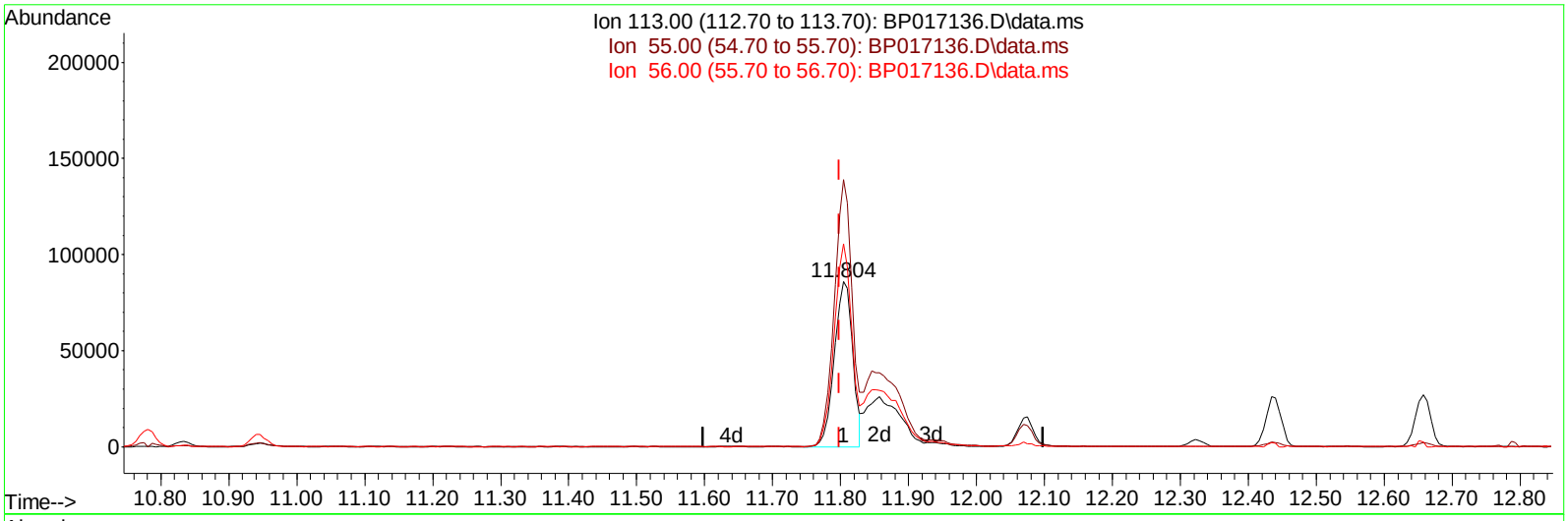

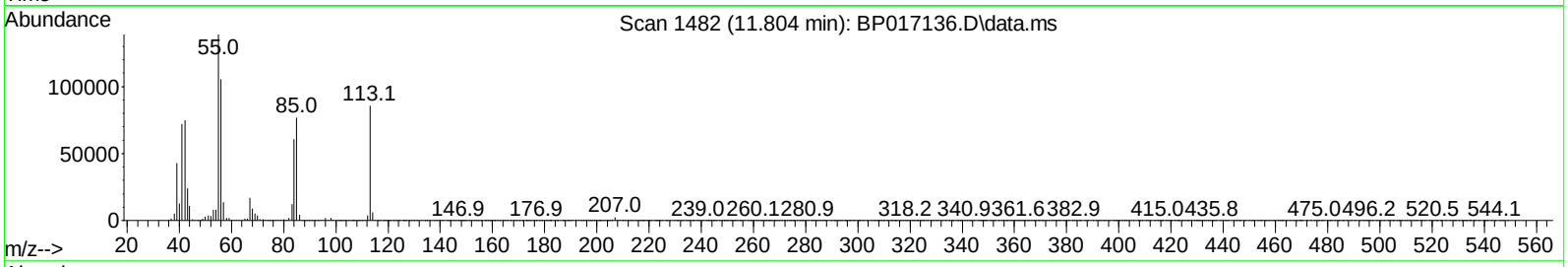

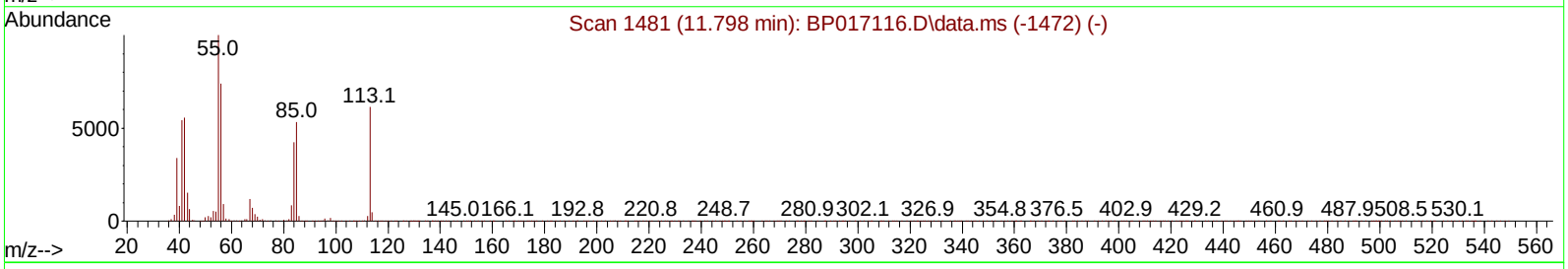

TIC: BP017136.D\data.ms

(34) Caprolactam

11.804min (+ 0.006) 26.13 ng/ul

response 161370

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.40	161.79
56.00	121.00	122.84
0.00	0.00	0.00

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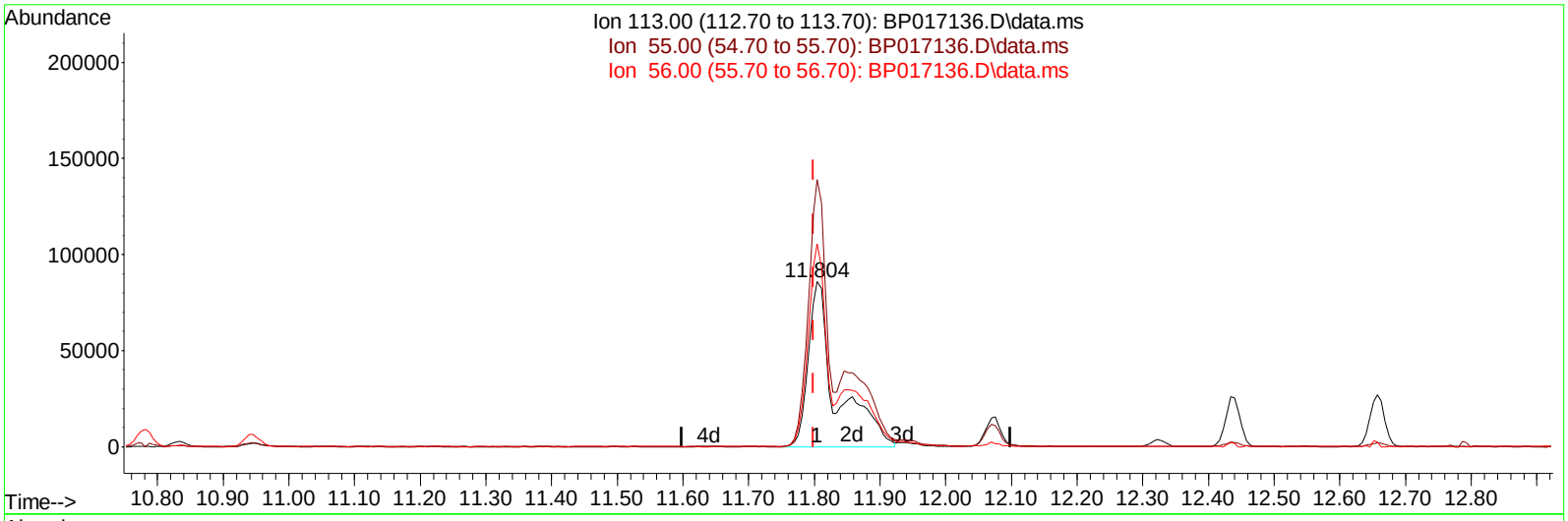

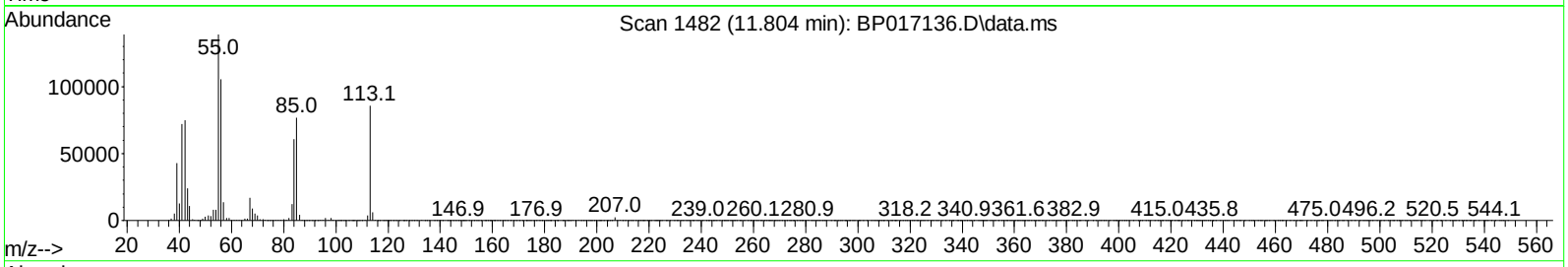

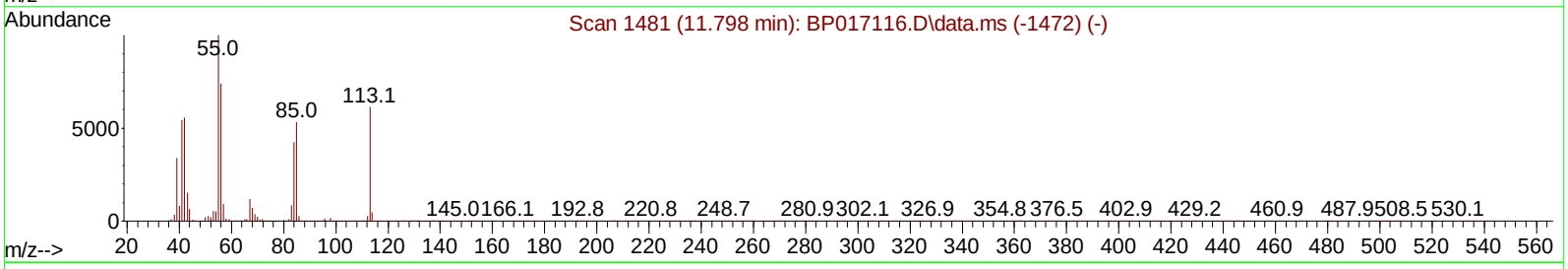

TIC: BP017136.D\data.ms

(34) Caprolactam

11.804min (+ 0.006) 40.66 ng/ul m

response 251112

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.40	161.79
56.00	121.00	122.84
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	7.958	152	306813	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	1342708	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	853292	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1968206	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1980290	20.000	ng/ul	0.00
88) Perylene-d12	24.010	264	2021691	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	48407	6.630	ng/uL	0.00
4) Pyridine-d5	3.746	84	664690	31.825	ng/ul	0.00
7) Phenol-d5	7.105	99	924948	37.075	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	542927	34.818	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	718085	36.080	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	722330	34.936	ng/ul	0.00
21) Nitrobenzene-d5	9.158	128	353376	37.585	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	397710	39.623	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	735629	37.896	ng/ul	0.00
31) 4-Chloroaniline-d4	10.946	131	946325	32.343	ng/ul	0.00
46) Dimethylphthalate-d6	14.034	166	2202311	36.269	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	2499001	36.270	ng/ul	0.00
54) 4-Nitrophenol-d4	14.840	143	427653	36.440	ng/ul	0.00
60) Fluorene-d10	15.610	176	1896950	36.130	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	408662	37.163	ng/ul	0.00
73) Anthracene-d10	17.486	188	2978409	35.616	ng/ul	0.00
81) Pyrene-d10	19.728	212	3751898	36.126	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.845	264	3654060	38.294	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	101823	12.970	ng/uL	97
5) Pyridine	3.770	79	674988	31.201	ng/ul	98
6) Benzaldehyde	7.116	77	483184	34.788	ng/ul	99
8) Phenol	7.134	94	965218	36.684	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.393	93	745092	35.504	ng/ul	99
12) 2-Chlorophenol	7.511	128	751461	37.198	ng/ul	98
13) 2-Methylphenol	8.399	108	709046	36.147	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.487	45	949112m	33.371	ng/ul	
16) Acetophenone	8.810	105	1175366	36.319	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.781	70	603077	36.264	ng/ul	99
18) 4-Methylphenol	8.740	108	785425	36.191	ng/ul	96
19) Hexachloroethane	9.022	117	302395	36.397	ng/ul	92
22) Nitrobenzene	9.199	77	894744	36.543	ng/ul	97
23) Isophorone	9.716	82	1685290	36.730	ng/ul	100
25) 2-Nitrophenol	9.899	139	441822	39.604	ng/ul	98
26) 2,4-Dimethylphenol	9.940	107	670199	29.478	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.199	93	1021048	35.505	ng/ul	100
29) 2,4-Dichlorophenol	10.422	162	750908	38.215	ng/ul	97
30) Naphthalene	10.834	128	2421332	35.637	ng/ul	100
32) 4-Chloroaniline	10.969	127	830824	29.099	ng/ul	98
33) Hexachlorobutadiene	11.057	225	480903	36.043	ng/ul	98
34) Caprolactam	11.804	113	251112m	40.656	ng/ul	
35) 4-Chloro-3-methylphenol	12.069	107	815005	38.335	ng/ul	100

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.440	142	1659429	36.195	ng/ul	98
37) 1-Methylnaphthalene	12.657	142	1610959	34.713	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.787	216	928399	36.530	ng/ul	99
40) Hexachlorocyclopentadiene	12.734	237	434410	27.434	ng/ul	100
41) 2,4,6-Trichlorophenol	13.040	196	597861	37.031	ng/ul	100
42) 2,4,5-Trichlorophenol	13.110	196	670984	39.092	ng/ul	99
43) 1,1'-Biphenyl	13.451	154	2241986	36.642	ng/ul	99
44) 2-Chloronaphthalene	13.493	162	1784620	36.728	ng/ul	99
45) 2-Nitroaniline	13.734	65	533460	40.532	ng/ul	96
47) Dimethylphthalate	14.081	163	2303760	37.373	ng/ul	100
48) 2,6-Dinitrotoluene	14.228	165	469214	41.636	ng/ul	95
50) Acenaphthylene	14.345	152	2780292	34.930	ng/ul	100
51) 3-Nitroaniline	14.563	138	495473	41.098	ng/ul	98
52) Acenaphthene	14.681	153	1907133	36.208	ng/ul	99
53) 2,4-Dinitrophenol	14.763	184	283746	35.947	ng/ul	96
55) 4-Nitrophenol	14.857	109	352407	37.518	ng/ul	94
56) Dibenzofuran	15.016	168	2677496	36.785	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	693663	41.337	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.234	232	545640	36.236	ng/ul	95
59) Diethylphthalate	15.434	149	2298528	37.768	ng/ul	100
61) Fluorene	15.669	166	2192116	36.427	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.657	204	1114960	36.441	ng/ul	99
63) 4-Nitroaniline	15.740	138	509851	45.490	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.763	198	435774	36.926	ng/ul#	90
67) N-Nitrosodiphenylamine	15.887	169	1879160	36.719	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	714753	38.097	ng/ul	95
69) Hexachlorobenzene	16.645	284	823162	37.069	ng/ul	97
70) Atrazine	16.839	200	327609	17.685	ng/ul	98
71) Pentachlorophenol	17.010	266	453817	31.446	ng/ul	99
72) Phenanthrene	17.428	178	3616859	36.567	ng/ul	99
74) Anthracene	17.522	178	3591160	35.848	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	93701	3.443	ng/uL	99
76) Pentachlorobenzene	14.910	250	954028	38.635	ng/uL	99
77) Carbazole	17.804	167	3390618	38.545	ng/ul	100
78) Di-n-butylphthalate	18.316	149	4086388	40.767	ng/ul	100
80) Fluoranthene	19.392	202	4506779	37.126	ng/ul	99
82) Pyrene	19.751	202	4706893	36.697	ng/ul	99
83) Butylbenzylphthalate	20.610	149	1954621	42.728	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.410	252	1634532	40.260	ng/ul	98
85) Benzo(a)anthracene	21.469	228	4785926	36.911	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	2866286	44.635	ng/ul	98
87) Chrysene	21.527	228	4463316	37.005	ng/ul	98
89) Di-n-octyl phthalate	22.310	149	4895373	43.670	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	4704781	39.480	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	4693986	39.623	ng/ul	100
93) Benzo(a)pyrene	23.898	252	4116536	37.234	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.692	276	4986902	40.734	ng/ul	99
95) Dibenzo(a,h)anthracene	26.721	278	4206749	40.905	ng/ul	99
96) Benzo(g,h,i)perylene	27.539	276	3902200	41.220	ng/ul	98

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

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