Quantitation Report (Qedit)

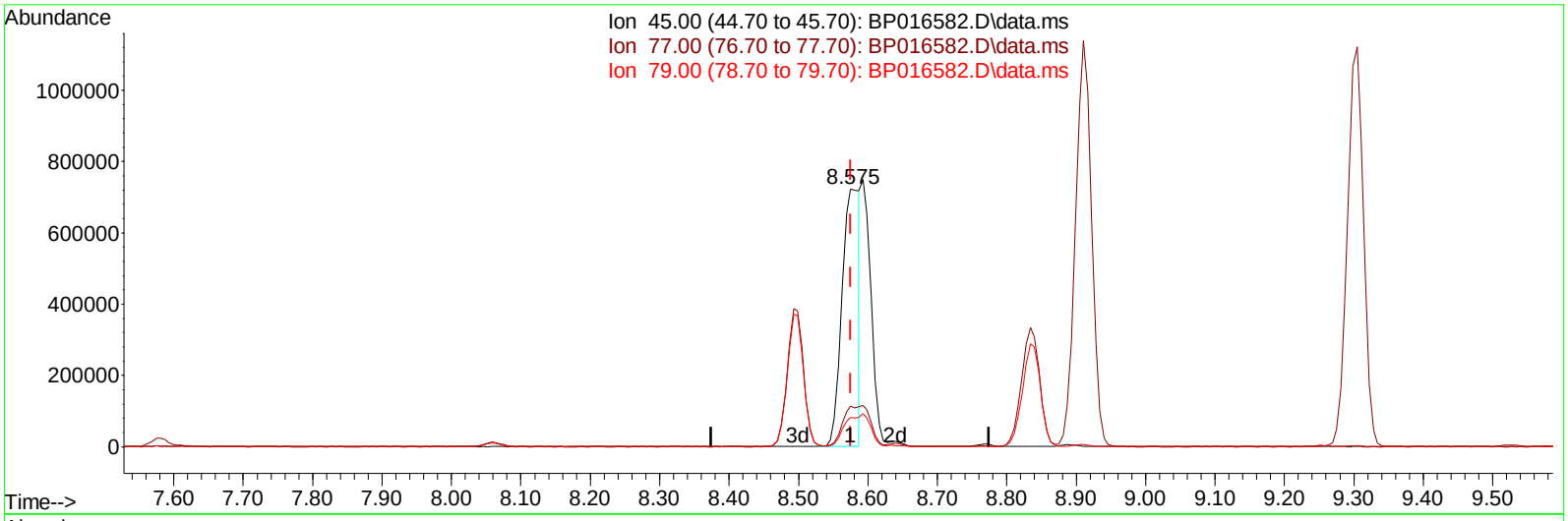
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081423\
Data File : BP016582.D
Acq On : 15 Aug 2023 03:29
Operator : MA/JU
Sample : PB154773BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

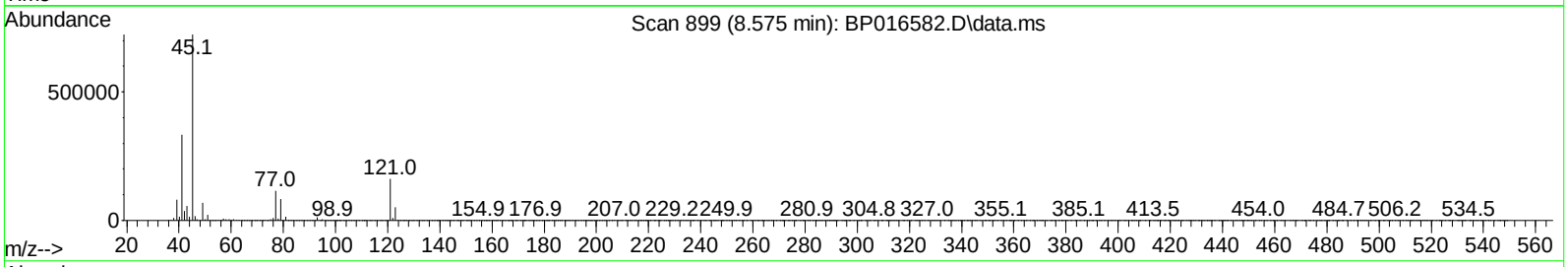
Quant Time: Aug 15 04:00:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 14 18:26:05 2023
Response via : Initial Calibration

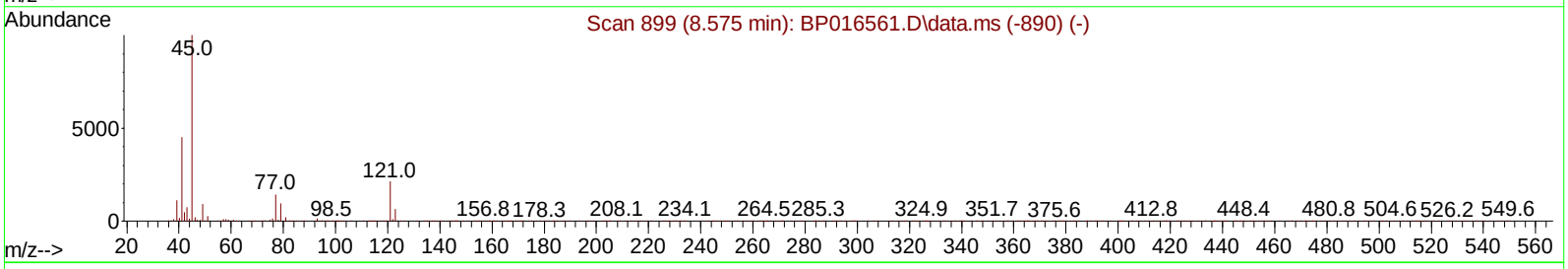
Instrument :
BNA_P
ClientSampleId :
SLCS773

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023







TIC: BP016582.D\data.ms

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

8.575min (0.000) 22.31 ng/ul

response 1266888

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.10	15.78
79.00	10.30	11.37
0.00	0.00	0.00

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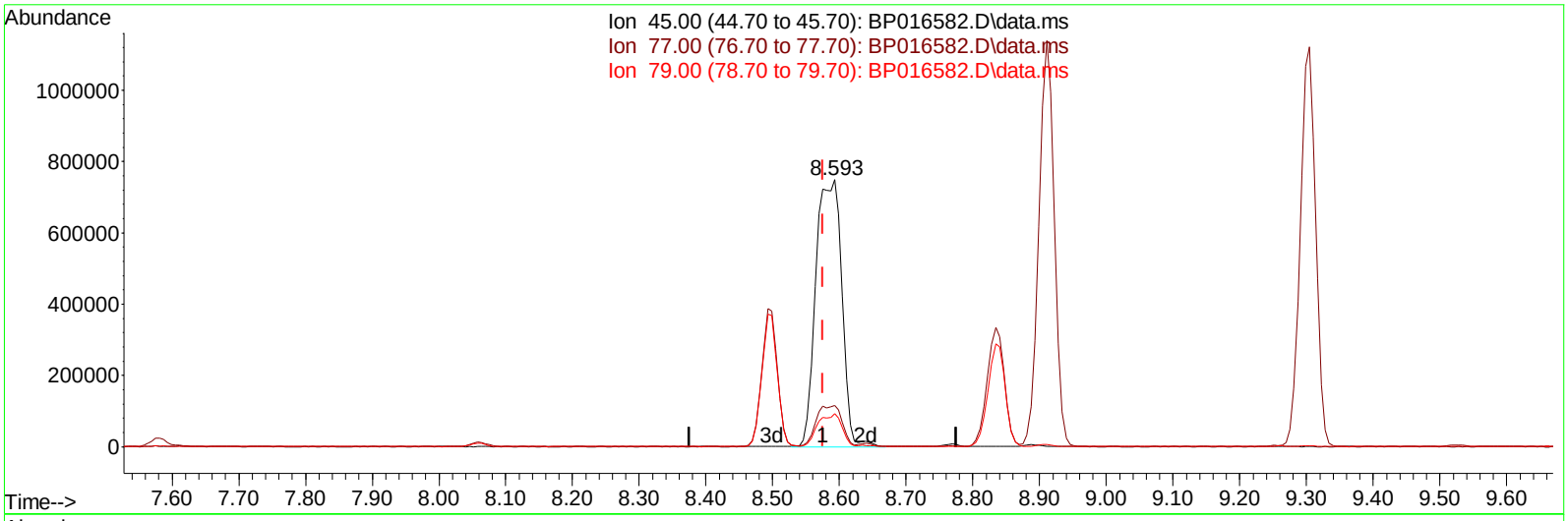

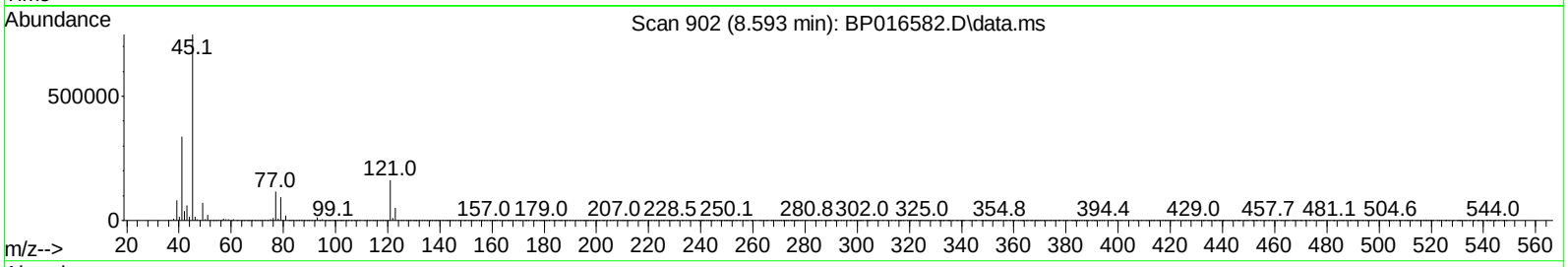

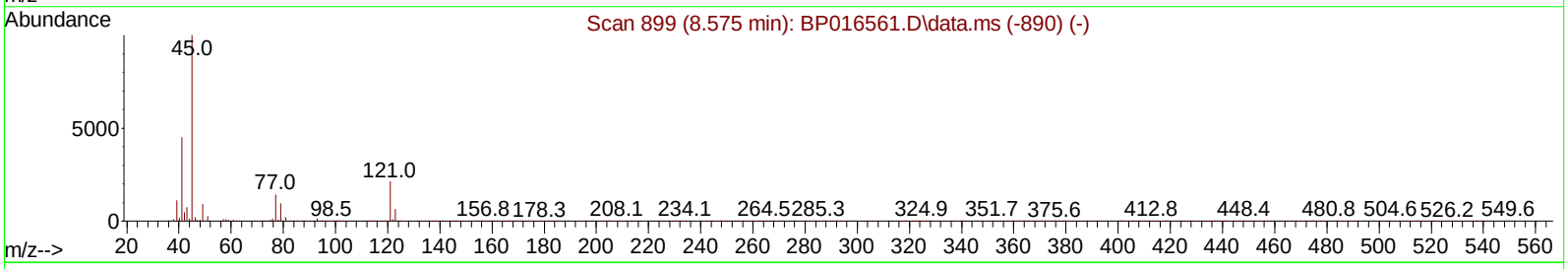

TIC: BP016582.D\data.ms

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

8.593min (+ 0.018) 35.72 ng/ul m

response 2028305

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.10	15.51
79.00	10.30	12.51#
0.00	0.00	0.00

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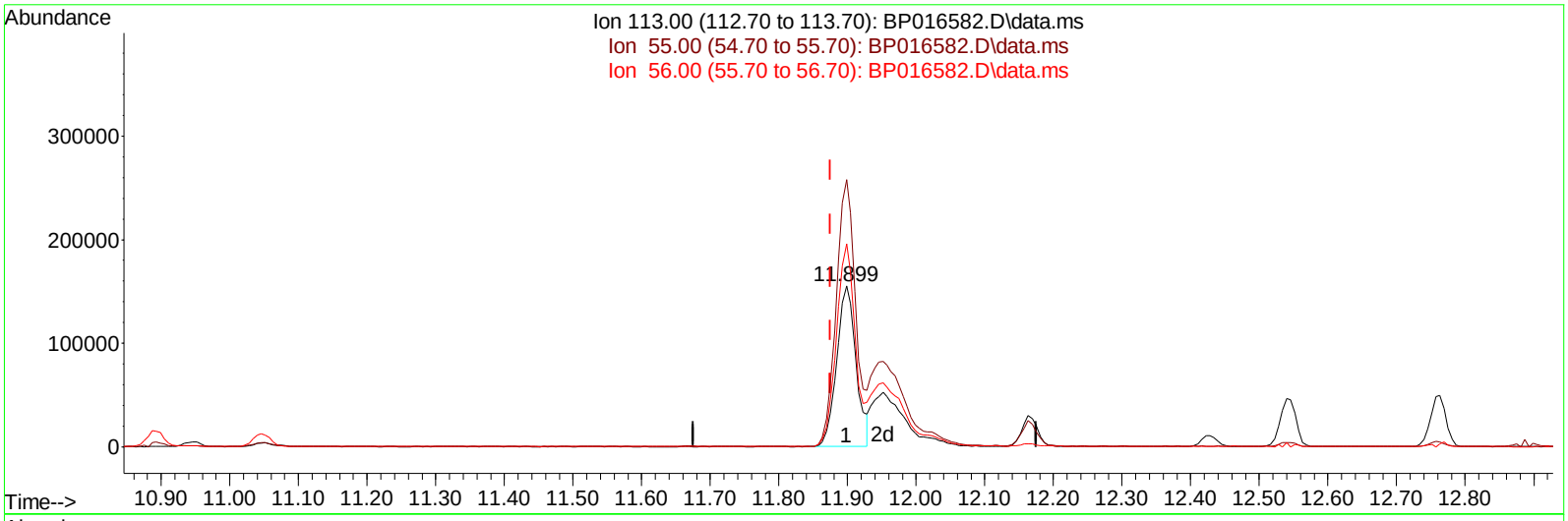

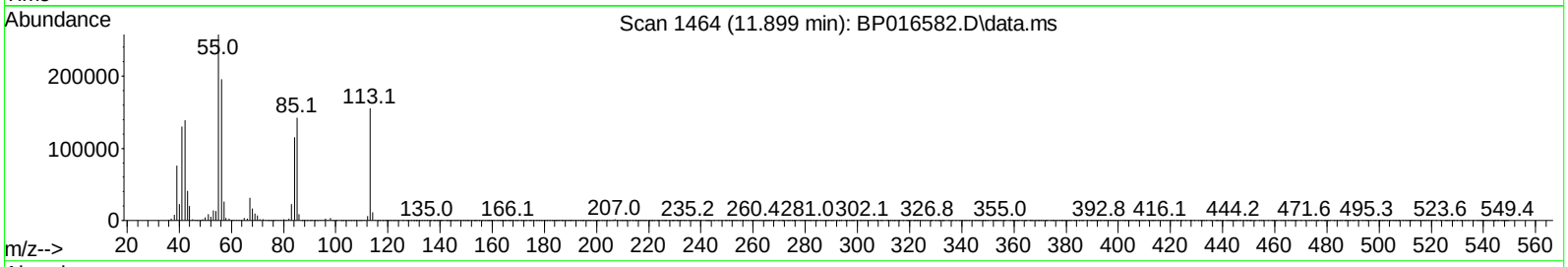

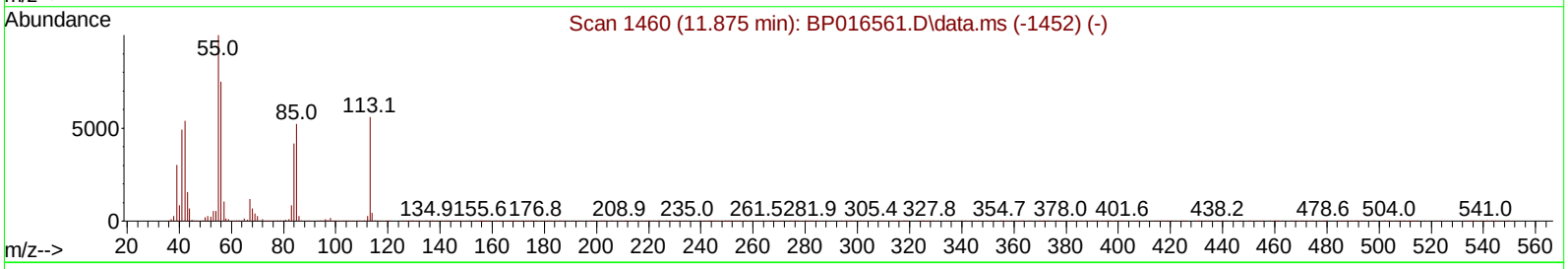

TIC: BP016582.D\data.ms

(34) Caprolactam

11.899min (+ 0.024) 25.82 ng/ul

response 303448

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.50	166.08
56.00	126.90	126.22
0.00	0.00	0.00

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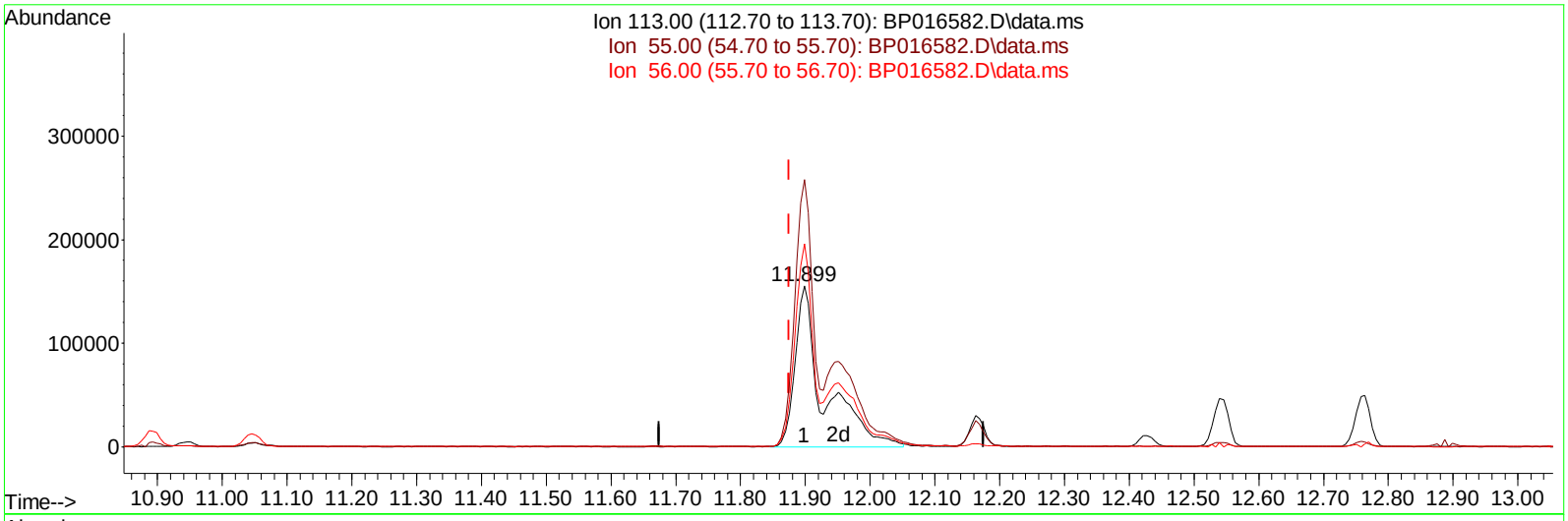

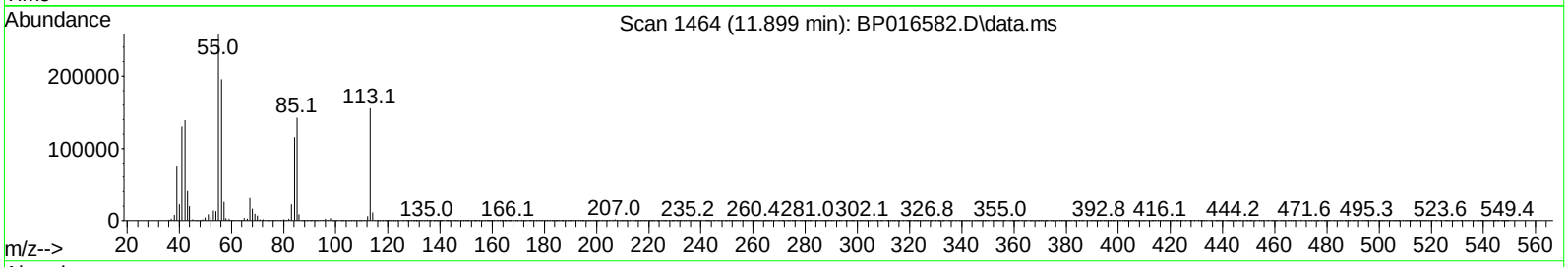

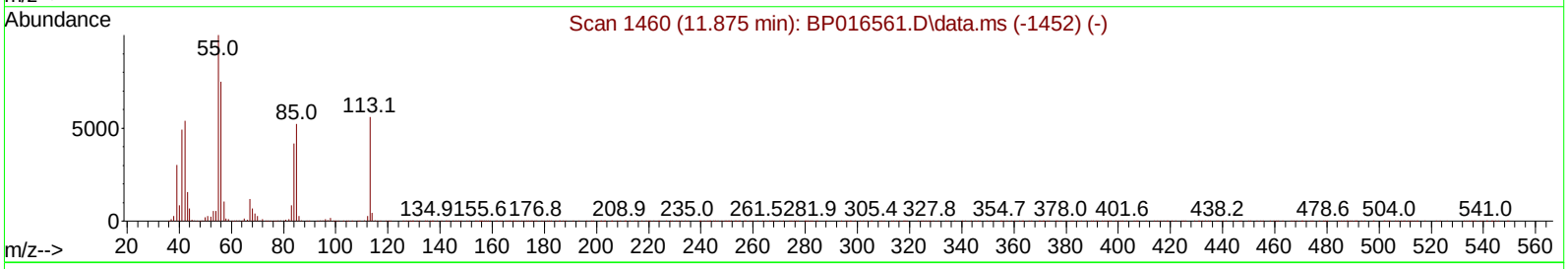

TIC: BP016582.D\data.ms

(34) Caprolactam

11.899min (+ 0.024) 40.74 ng/ul m

response 478879

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.50	166.08
56.00	126.90	126.22
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	511933	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	2232711	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	1320653	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	2821823	20.000	ng/ul	0.00
79) Chrysene-d12	21.575	240	2348330	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	2325373	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	101990	7.570	ng/uL	0.00
4) Pyridine-d5	3.834	84	1561170	38.088	ng/ul	0.00
7) Phenol-d5	7.199	99	2005795	42.499	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	1197507	38.523	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	1447121	42.689	ng/ul	0.00
15) 4-Methylphenol-d8	8.769	113	1504339	40.086	ng/ul	0.00
21) Nitrobenzene-d5	9.258	128	712923	45.380	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	767022	51.405	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	1366963	46.552	ng/ul	0.00
31) 4-Chloroaniline-d4	11.046	131	1898641	37.685	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	3842951	40.231	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	4509930	41.830	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	799626	41.092	ng/ul	0.01
60) Fluorene-d10	15.704	176	3254877	39.970	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	552879	41.185	ng/ul	0.00
73) Anthracene-d10	17.581	188	4964350	40.672	ng/ul	0.00
81) Pyrene-d10	19.810	212	5533166	44.968	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.998	264	4752922	42.650	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	230934	15.590	ng/uL	97
5) Pyridine	3.852	79	1509177	35.487	ng/ul	99
6) Benzaldehyde	7.211	77	1124936	43.239	ng/ul	97
8) Phenol	7.228	94	1986709	39.385	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.493	93	1562382	38.343	ng/ul	99
12) 2-Chlorophenol	7.611	128	1470202	41.219	ng/ul	98
13) 2-Methylphenol	8.499	108	1466602	40.026	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.593	45	2028305m	35.715	ng/ul	
16) Acetophenone	8.911	105	2292205	37.824	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.887	70	1244811	38.300	ng/ul	98
18) 4-Methylphenol	8.834	108	1583910	39.332	ng/ul	99
19) Hexachloroethane	9.134	117	601212	40.345	ng/ul	99
22) Nitrobenzene	9.305	77	1814815	41.266	ng/ul	97
23) Isophorone	9.822	82	3464616	41.709	ng/ul	99
25) 2-Nitrophenol	10.005	139	807815	47.357	ng/ul	98
26) 2,4-Dimethylphenol	10.046	107	1593555	39.627	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.305	93	2106658	39.564	ng/ul	100
29) 2,4-Dichlorophenol	10.528	162	1323916	43.821	ng/ul	98
30) Naphthalene	10.946	128	4577996	39.244	ng/ul	100
32) 4-Chloroaniline	11.075	127	1842709	36.927	ng/ul	100
33) Hexachlorobutadiene	11.175	225	749426	41.150	ng/ul	99
34) Caprolactam	11.899	113	478879m	40.743	ng/ul	
35) 4-Chloro-3-methylphenol	12.163	107	1578403	42.742	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	12.540	142	3037717	38.875	ng/ul	99
37) 1-Methylnaphthalene	12.763	142	3002738	38.165	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.887	216	1464761	41.467	ng/ul	99
40) Hexachlorocyclopentadiene	12.840	237	787966	36.662	ng/ul	99
41) 2,4,6-Trichlorophenol	13.140	196	1020016	46.398	ng/ul	99
42) 2,4,5-Trichlorophenol	13.210	196	1120492	47.021	ng/ul	99
43) 1,1'-Biphenyl	13.546	154	3932688	40.062	ng/ul	98
44) 2-Chloronaphthalene	13.593	162	3041979	39.828	ng/ul	99
45) 2-Nitroaniline	13.822	65	1061277	45.955	ng/ul	92
47) Dimethylphthalate	14.169	163	3851518	39.436	ng/ul	99
48) 2,6-Dinitrotoluene	14.310	165	828299	48.964	ng/ul	97
50) Acenaphthylene	14.440	152	4833515	38.067	ng/ul	99
51) 3-Nitroaniline	14.645	138	889216	46.880	ng/ul	94
52) Acenaphthene	14.775	153	3302821	38.858	ng/ul	99
53) 2,4-Dinitrophenol	14.845	184	373140	39.623	ng/ul	91
55) 4-Nitrophenol	14.934	109	629696	39.805	ng/ul	97
56) Dibenzofuran	15.110	168	4481483	38.645	ng/ul	99
57) 2,4-Dinitrotoluene	15.093	165	1155009	45.594	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.322	232	901360	45.146	ng/ul	98
59) Diethylphthalate	15.528	149	3959973	39.656	ng/ul	98
61) Fluorene	15.763	166	3633233	38.209	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.751	204	1715926	38.442	ng/ul	98
63) 4-Nitroaniline	15.822	138	868430	47.842	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.845	198	567055	38.096	ng/ul#	94
67) N-Nitrosodiphenylamine	15.975	169	3148775	41.166	ng/ul	99
68) 4-Bromophenyl-phenylether	16.657	248	1069113	42.434	ng/ul	96
69) Hexachlorobenzene	16.740	284	1207276	41.009	ng/ul	97
70) Atrazine	16.928	200	1085921	39.461	ng/ul	99
71) Pentachlorophenol	17.098	266	756200	41.721	ng/ul	99
72) Phenanthrene	17.522	178	5825218	39.183	ng/ul	99
74) Anthracene	17.616	178	5799386	38.837	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.498	216	1440702	40.175	ng/uL	98
76) Pentachlorobenzene	15.004	250	1355106	42.115	ng/uL	100
77) Carbazole	17.892	167	5520388	40.116	ng/ul	99
78) Di-n-butylphthalate	18.404	149	6916899	43.421	ng/ul	99
80) Fluoranthene	19.481	202	6651539	45.292	ng/ul	99
82) Pyrene	19.839	202	6765832	43.629	ng/ul	99
83) Butylbenzylphthalate	20.692	149	3220379	51.549	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.492	252	2147928	42.004	ng/ul	99
85) Benzo(a)anthracene	21.557	228	6360056	40.299	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	4641932	51.198	ng/ul	98
87) Chrysene	21.616	228	5867058	39.727	ng/ul	99
89) Di-n-octyl phthalate	22.422	149	7830389	53.966	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	6071952	43.854	ng/ul	99
91) Benzo(k)fluoranthene	23.416	252	5737782	41.772	ng/ul	99
93) Benzo(a)pyrene	24.051	252	5034245	38.544	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.927	276	5792683	37.578	ng/ul	100
95) Dibenzo(a,h)anthracene	26.951	278	4810533	37.499	ng/ul	99
96) Benzo(g,h,i)perylene	27.792	276	4538965	36.996	ng/ul	98

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

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