Quantitation Report (Qedit)

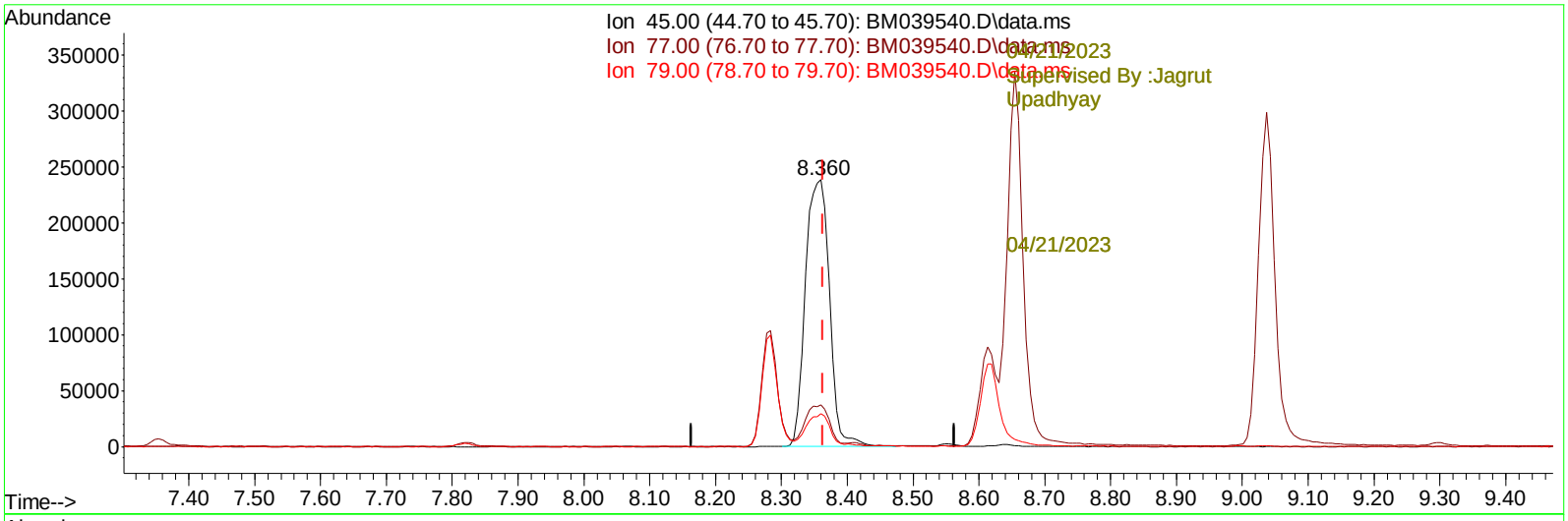
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039540.D
Acq On : 21 Apr 2023 00:25
Operator : CG/JU
Sample : PB152232BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

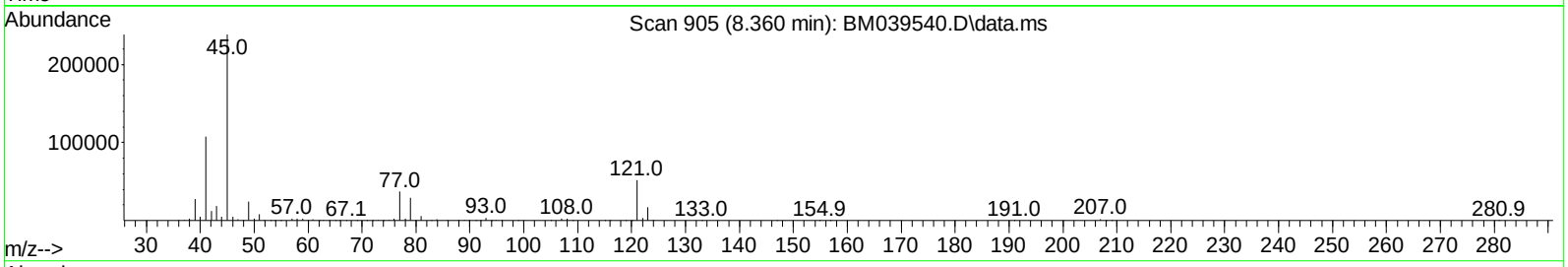
Quant Time: Apr 21 02:27:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 19 08:18:41 2023
Response via : Initial Calibration

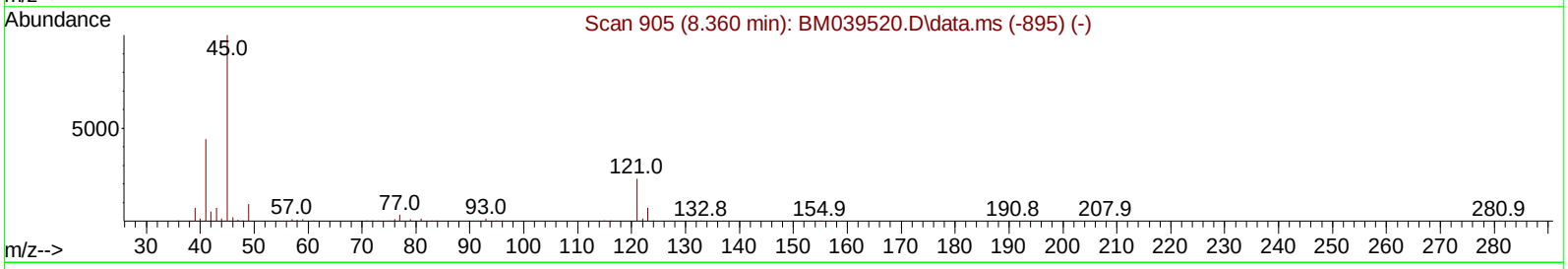
Instrument :
BNA_M
ClientSampleId :
SLCS232

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023







TIC: BM039540.D\data.ms

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

8.360min (-0.003) 32.58 ng/ul

response 606188

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.40	15.60
79.00	12.20	12.44
0.00	0.00	0.00

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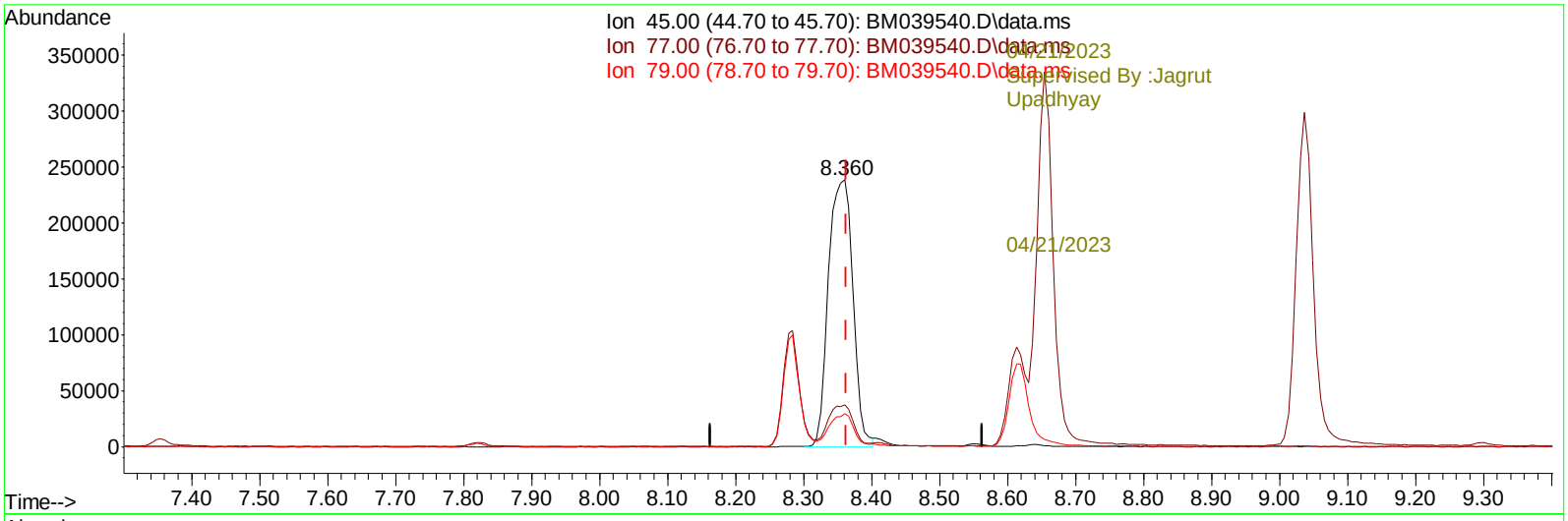

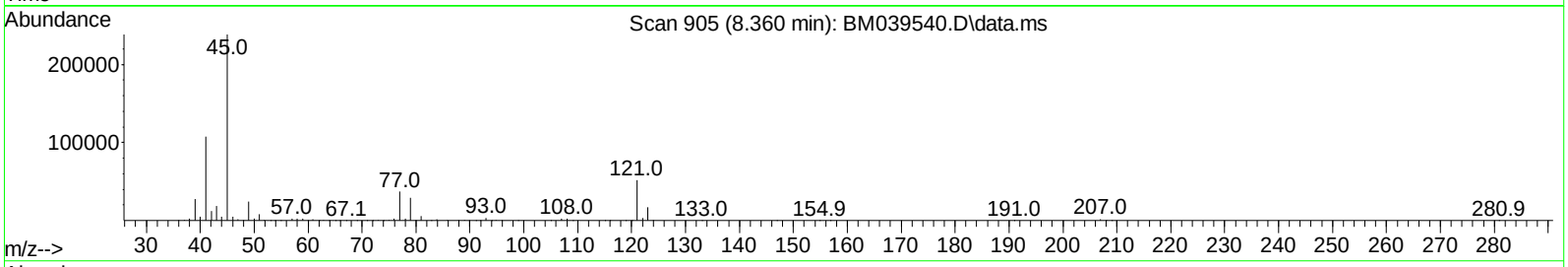

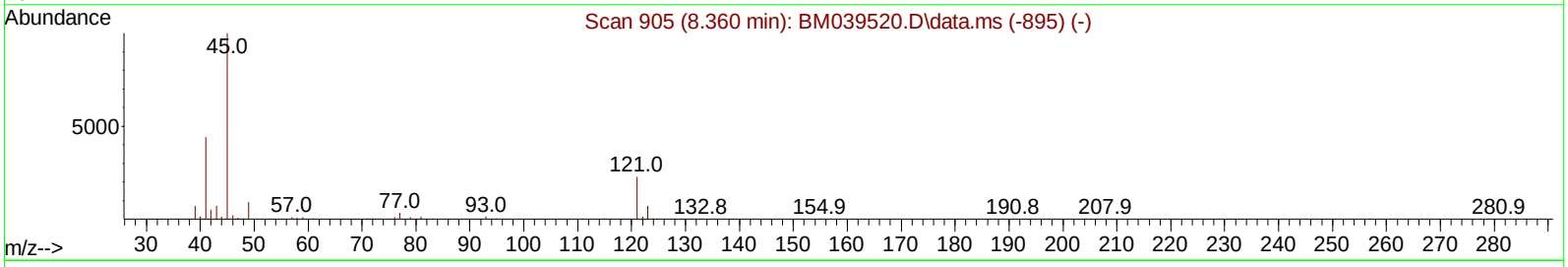

TIC: BM039540.D\data.ms

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

8.360min (-0.003) 32.14 ng/ul m

response 598075

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.40	15.60
79.00	12.20	12.44
0.00	0.00	0.00

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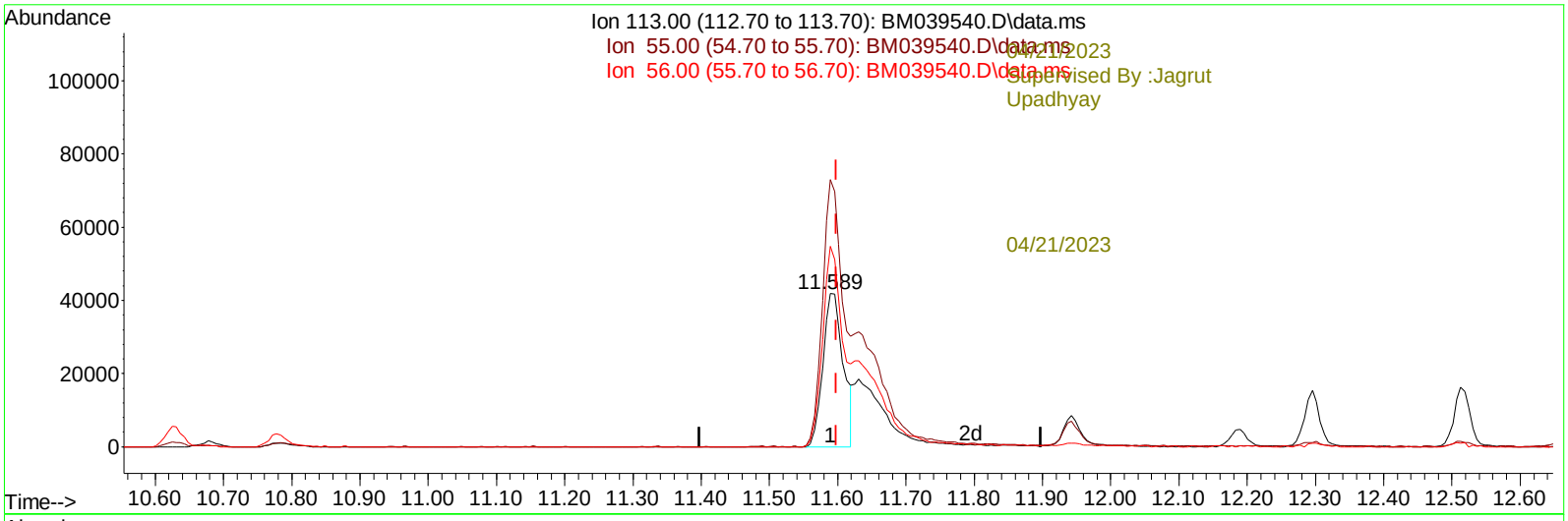

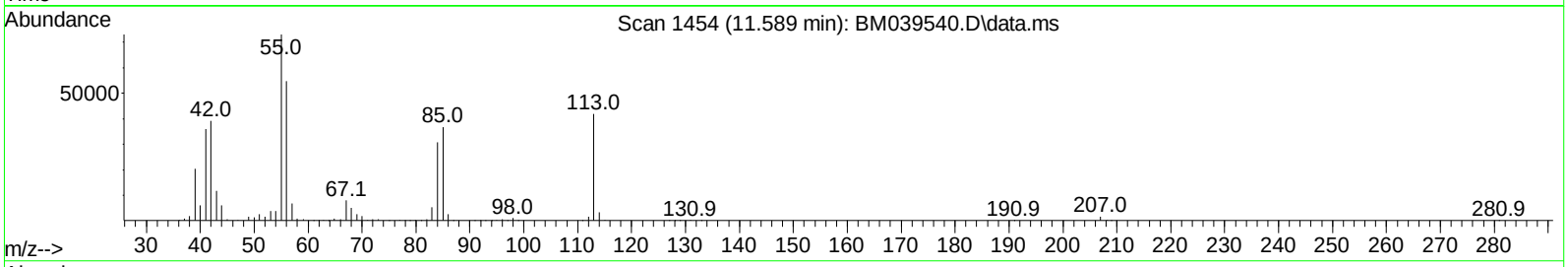

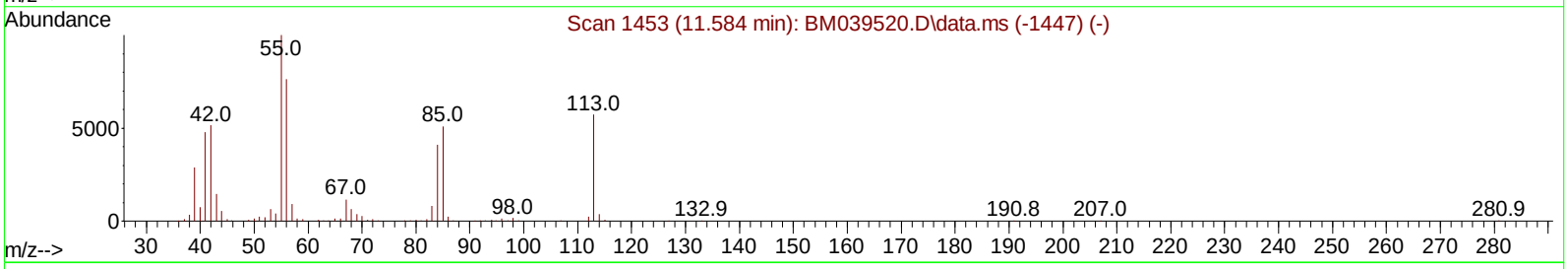

TIC: BM039540.D\data.ms

(34) Caprolactam

11.589min (-0.009) 18.93 ng/ul

response 87314

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	174.33
56.00	129.90	130.89
0.00	0.00	0.00

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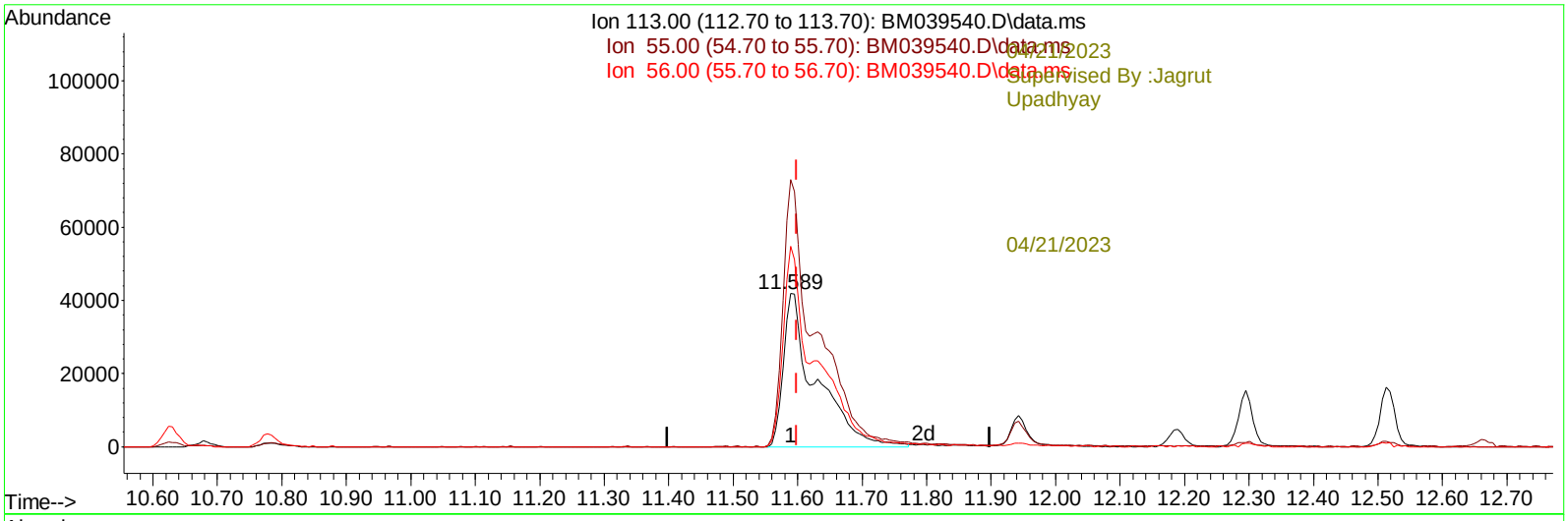

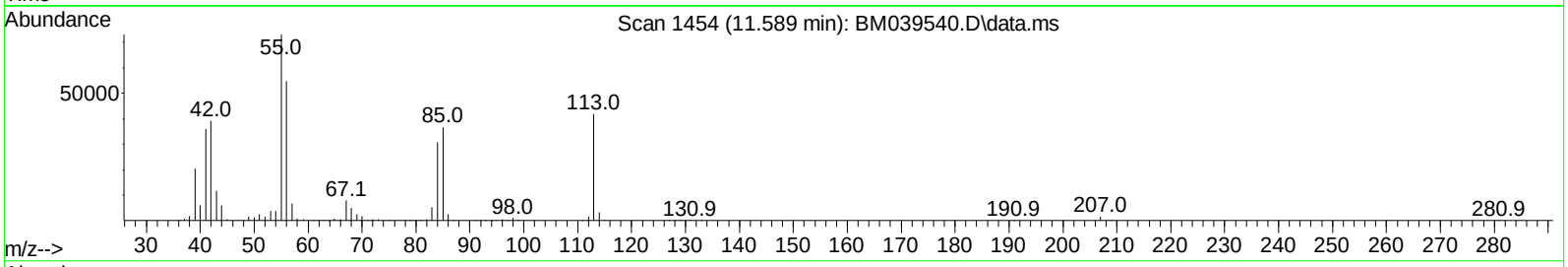

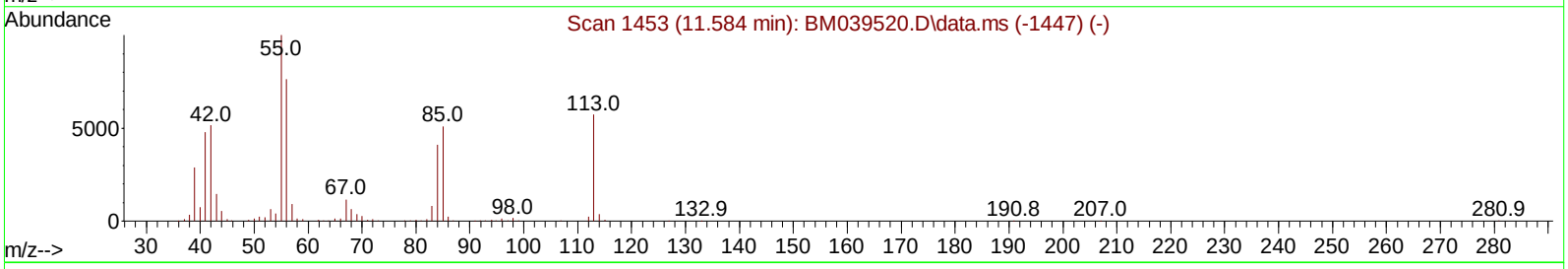

TIC: BM039540.D\data.ms

(34) Caprolactam

11.589min (-0.009) 31.63 ng/ul m

response 145904

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	174.33
56.00	129.90	130.89
0.00	0.00	0.00

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04/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	168606	20.000	ng/ul	0.00
20) Naphthalene-d8	10.631	136	809000	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.477	164	525226	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.230	188	1128615	20.000	ng/ul	0.00
79) Chrysene-d12	21.424	240	917459	20.000	ng/ul	0.00
88) Perylene-d12	23.783	264	866092	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	26256	5.977	ng/uL	0.00
4) Pyridine-d5	3.637	84	361599	29.297	ng/ul	0.00
7) Phenol-d5	7.001	99	508509	32.952	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.154	67	327224	32.081	ng/ul	0.00
11) 2-Chlorophenol-d4	7.354	132	407368	33.652	ng/ul	0.00
15) 4-Methylphenol-d8	8.554	113	412008	33.145	ng/ul	0.00
21) Nitrobenzene-d5	8.995	128	207157	31.828	ng/ul	0.00
24) 2-Nitrophenol-d4	9.719	143	234885	32.139	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.260	165	419229	33.337	ng/ul	0.00
31) 4-Chloroaniline-d4	10.778	131	551707	29.375	ng/ul	0.00
46) Dimethylphthalate-d6	13.895	166	1332168	31.450	ng/ul	0.00
49) Acenaphthylene-d8	14.172	160	1527922	32.108	ng/ul	0.00
54) 4-Nitrophenol-d4	14.713	143	195295	30.464	ng/ul	-0.01
60) Fluorene-d10	15.471	176	1128225	32.510	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.613	200	210014	28.002	ng/ul	0.00
73) Anthracene-d10	17.330	188	1748920	32.222	ng/ul	0.00
81) Pyrene-d10	19.630	212	2033548	33.356	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.636	264	1522349	32.557	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.243	88	56706	11.797	ng/uL	98
5) Pyridine	3.655	79	390550	30.010	ng/ul	97
6) Benzaldehyde	6.966	77	268852	40.779	ng/ul	99
8) Phenol	7.031	94	542446	33.762	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.248	93	432401	32.279	ng/ul	99
12) 2-Chlorophenol	7.384	128	417912	34.309	ng/ul	99
13) 2-Methylphenol	8.284	108	408434	32.728	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.360	45	598075m	32.145	ng/ul	
16) Acetophenone	8.654	105	696865	34.130	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.637	70	365708	32.362	ng/ul	98
18) 4-Methylphenol	8.613	108	455407	33.801	ng/ul	99
19) Hexachloroethane	8.895	117	173716	31.400	ng/ul	99
22) Nitrobenzene	9.037	77	527814	32.844	ng/ul	98
23) Isophorone	9.560	82	1053084	30.730	ng/ul	99
25) 2-Nitrophenol	9.748	139	250197	32.810	ng/ul	98
26) 2,4-Dimethylphenol	9.813	107	487280	31.270	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.048	93	630556	31.292	ng/ul	99
29) 2,4-Dichlorophenol	10.284	162	416183	33.597	ng/ul	99
30) Naphthalene	10.678	128	1432491	32.003	ng/ul	99
32) 4-Chloroaniline	10.801	127	530801	28.682	ng/ul	99
33) Hexachlorobutadiene	10.954	225	256137	31.380	ng/ul	98
34) Caprolactam	11.589	113	145904m	31.629	ng/ul	
35) 4-Chloro-3-methylphenol	11.942	107	478163	33.061	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	12.295	142	956563	31.878	ng/ul	99
37) 1-Methylnaphthalene	12.513	142	980502	32.516	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.666	216	502020	31.843	ng/ul	99
40) Hexachlorocyclopentadiene	12.636	237	166295	17.704	ng/ul	100
41) 2,4,6-Trichlorophenol	12.913	196	343433	32.608	ng/ul	98
42) 2,4,5-Trichlorophenol	12.995	196	369000	33.710	ng/ul	96
43) 1,1'-Biphenyl	13.313	154	1303931	32.124	ng/ul	99
44) 2-Chloronaphthalene	13.354	162	1022444	32.111	ng/ul	100
45) 2-Nitroaniline	13.572	65	309817	33.717	ng/ul	98
47) Dimethylphthalate	13.942	163	1330222	31.718	ng/ul	99
48) 2,6-Dinitrotoluene	14.072	165	274715	32.388	ng/ul	98
50) Acenaphthylene	14.201	152	1632158	32.064	ng/ul	100
51) 3-Nitroaniline	14.401	138	263351	33.125	ng/ul	98
52) Acenaphthene	14.542	153	1122817	32.038	ng/ul	100
53) 2,4-Dinitrophenol	14.619	184	106676	23.627	ng/ul	98
55) 4-Nitrophenol	14.730	109	156902	32.222	ng/ul	98
56) Dibenzofuran	14.877	168	1556386	32.673	ng/ul	98
57) 2,4-Dinitrotoluene	14.860	165	397802	33.753	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.113	232	323537	33.020	ng/ul	100
59) Diethylphthalate	15.307	149	1396520	32.122	ng/ul	100
61) Fluorene	15.530	166	1296297	32.897	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.524	204	638568	32.695	ng/ul	98
63) 4-Nitroaniline	15.571	138	234879	38.526	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.624	198	206427	28.628	ng/ul	95
67) N-Nitrosodiphenylamine	15.742	169	1082788	32.201	ng/ul	100
68) 4-Bromophenyl-phenylether	16.418	248	389534	31.956	ng/ul	99
69) Hexachlorobenzene	16.530	284	448042	31.994	ng/ul	97
70) Atrazine	16.701	200	351933	28.206	ng/ul	98
71) Pentachlorophenol	16.883	266	236127	28.844	ng/ul	99
72) Phenanthrene	17.271	178	2044380	32.628	ng/ul	99
74) Anthracene	17.365	178	2056960	32.724	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.272	216	509925	30.337	ng/uL	99
76) Pentachlorobenzene	14.795	250	520508	31.461	ng/uL	99
77) Carbazole	17.642	167	1840812	32.956	ng/ul	100
78) Di-n-butylphthalate	18.201	149	2500525	31.650	ng/ul	99
80) Fluoranthene	19.295	202	2381451	33.327	ng/ul	97
82) Pyrene	19.659	202	2460190	33.257	ng/ul	97
83) Butylbenzylphthalate	20.559	149	1130894	32.387	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.348	252	629142	30.923	ng/ul	98
85) Benzo(a)anthracene	21.406	228	2187068	32.958	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.330	149	1754300	33.783	ng/ul	99
87) Chrysene	21.459	228	2032269	32.106	ng/ul	100
89) Di-n-octyl phthalate	22.242	149	2852476	32.779	ng/ul	100
90) Benzo(b)fluoranthene	23.065	252	1943010	31.884	ng/ul	99
91) Benzo(k)fluoranthene	23.112	252	1930313	32.254	ng/ul	99
93) Benzo(a)pyrene	23.683	252	1670669	32.524	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.235	276	2028906	35.909	ng/ul	100
95) Dibenzo(a,h)anthracene	26.247	278	1699706	36.283	ng/ul	100
96) Benzo(g,h,i)perylene	26.988	276	1622821	36.055	ng/ul	99

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

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