Quantitation Report (Qedit)

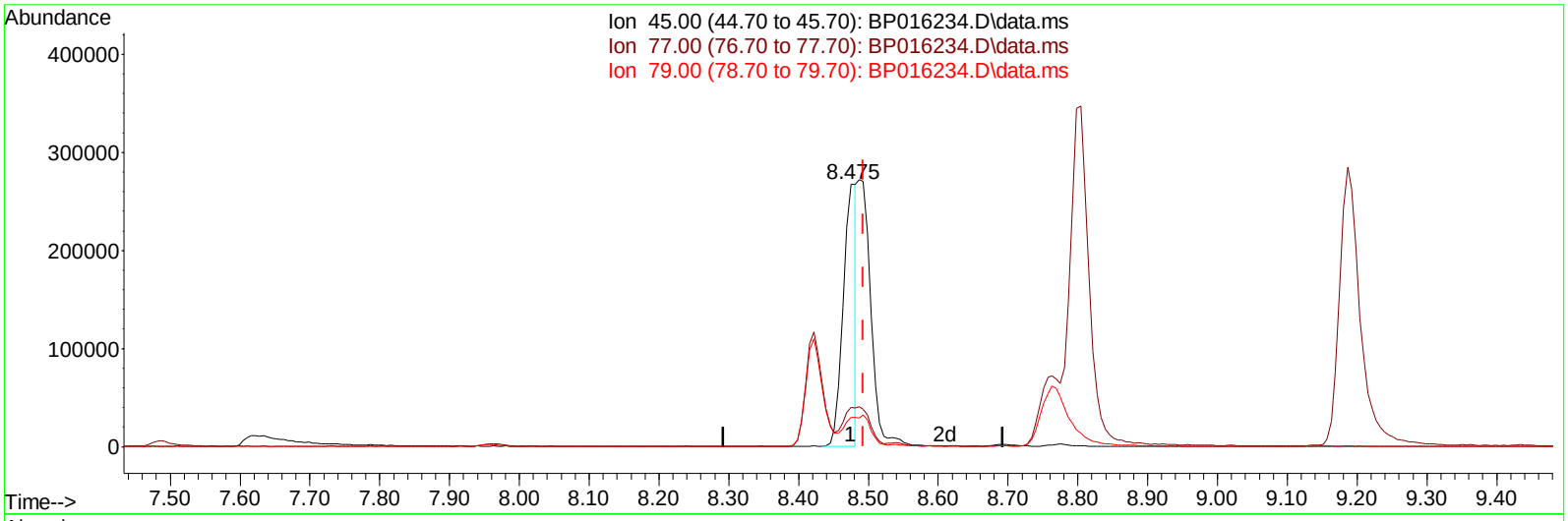
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071423\
Data File : BP016234.D
Acq On : 14 Jul 2023 19:39
Operator : MA/JU
Sample : 03414-20MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

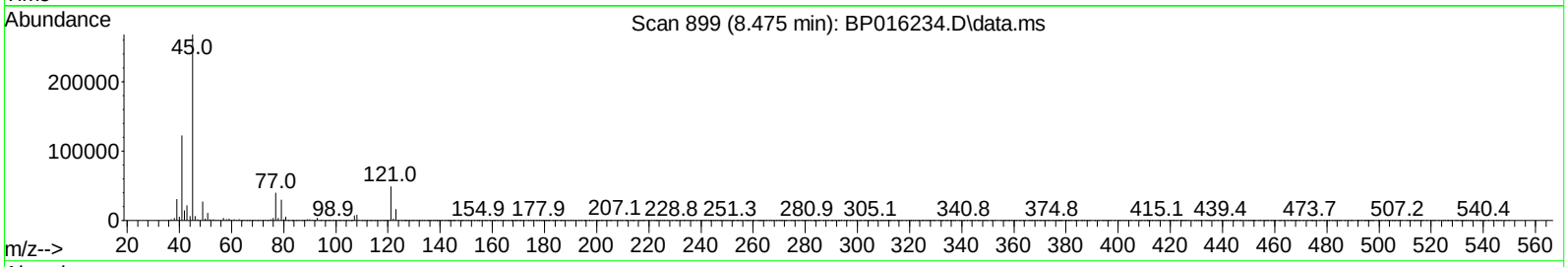
Quant Time: Jul 14 23:55:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 14 23:53:26 2023
Response via : Initial Calibration

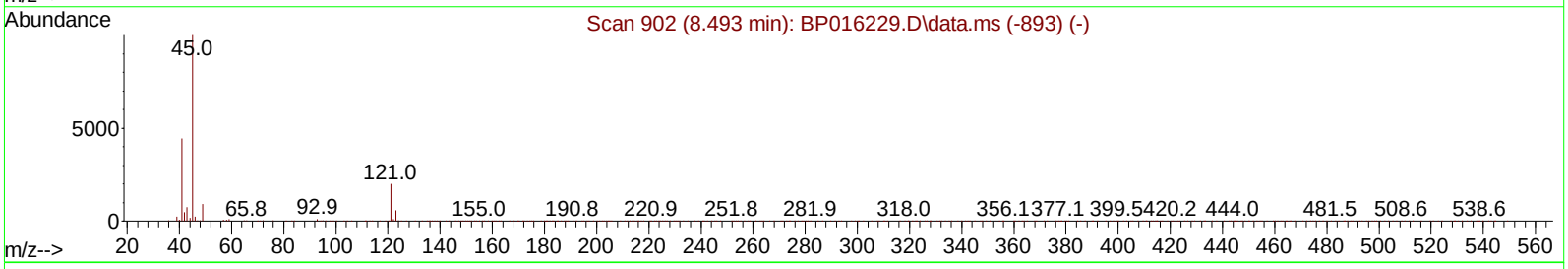
Instrument :
BNA_P
ClientSampleId :
A4634MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023







TIC: BP016234.D\data.ms

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

8.475min (-0.018) 19.57 ng/ul

response 346397

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.60	15.05
79.00	10.90	11.09
0.00	0.00	0.00

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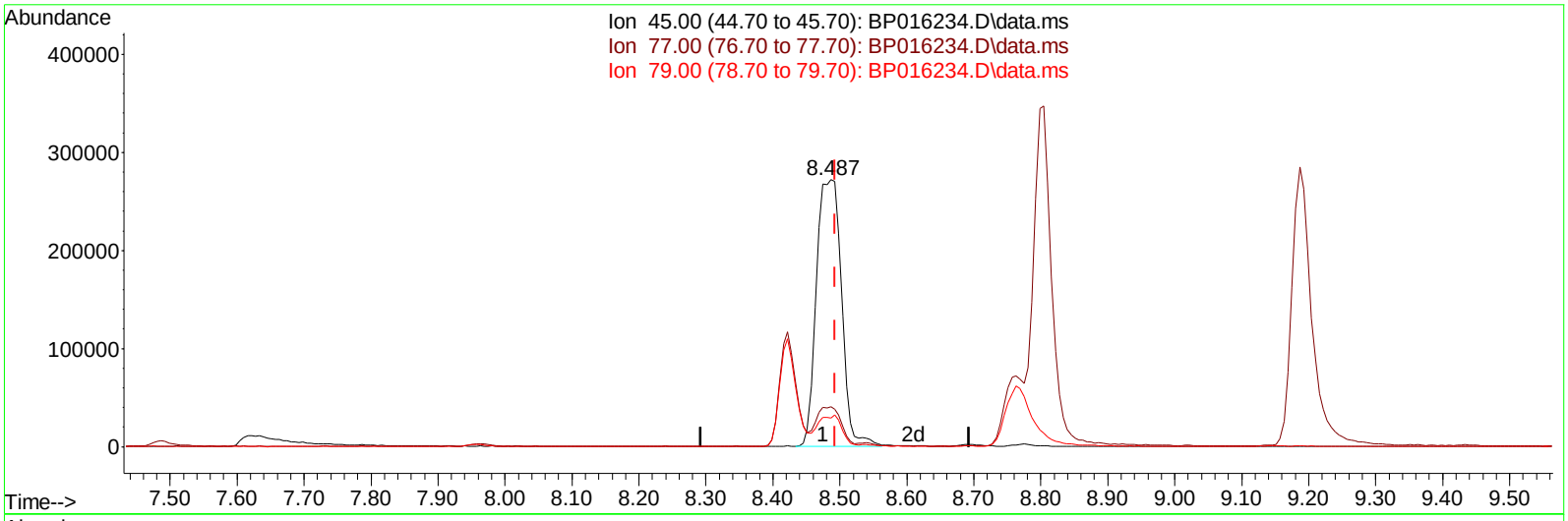

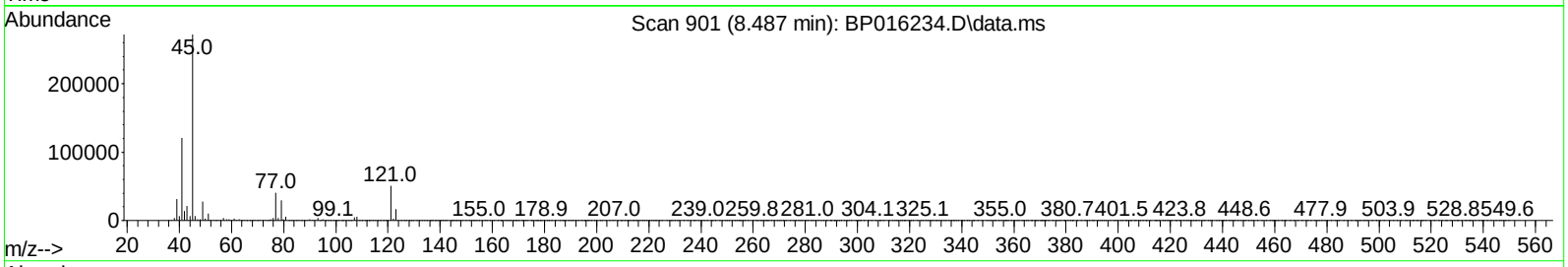

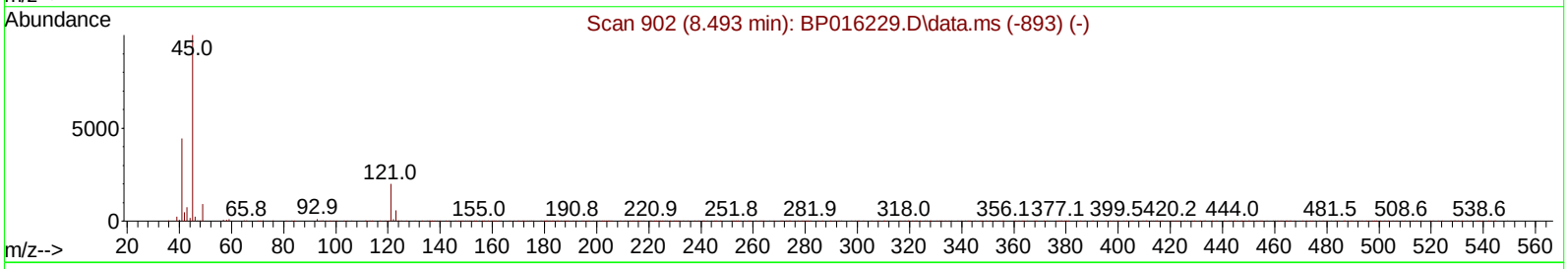

TIC: BP016234.D\data.ms

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

8.487min (-0.006) 40.19 ng/ul m

response 711349

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.60	15.00
79.00	10.90	10.78
0.00	0.00	0.00

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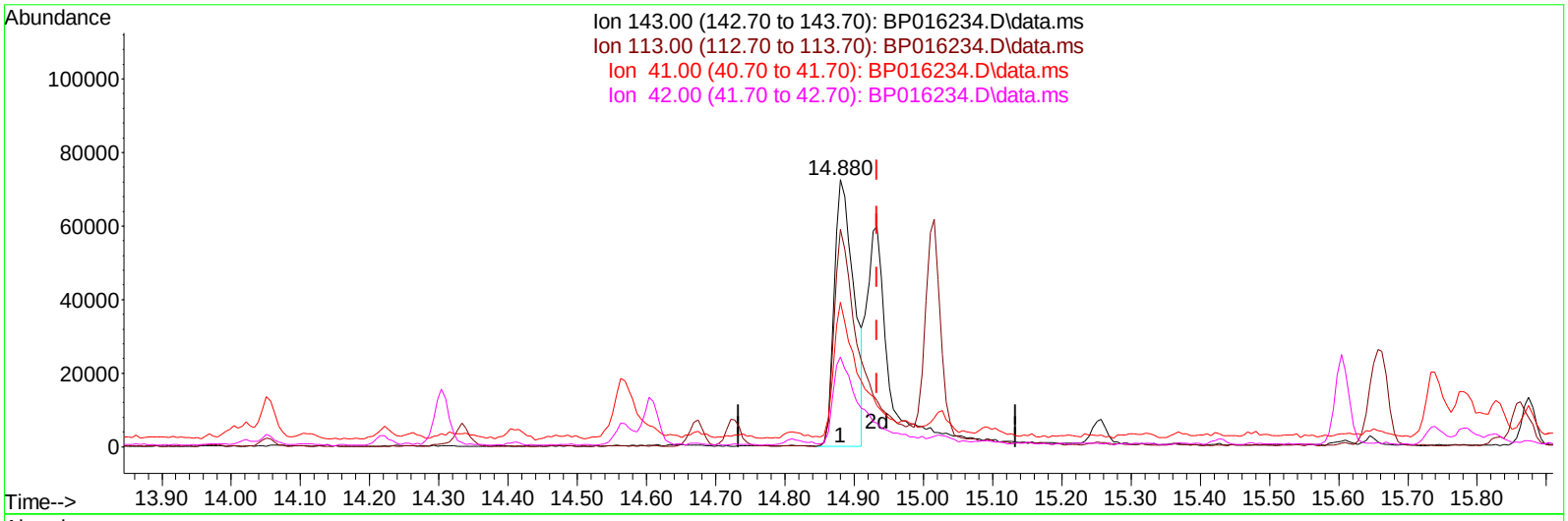

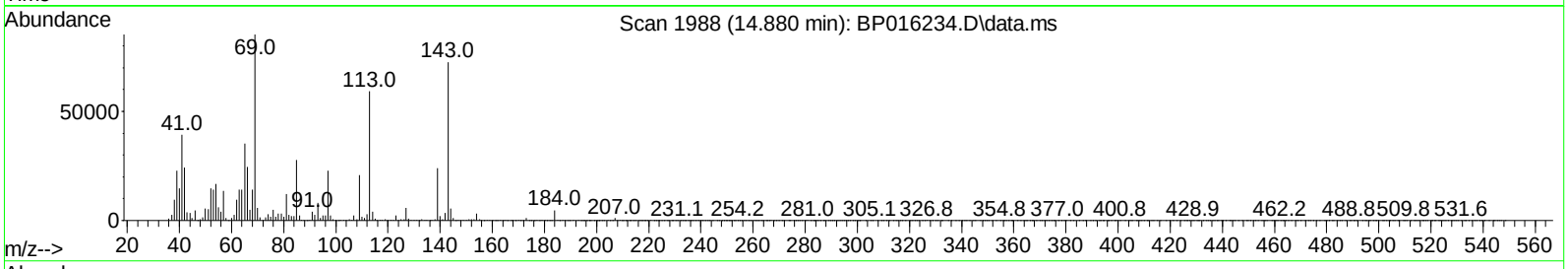

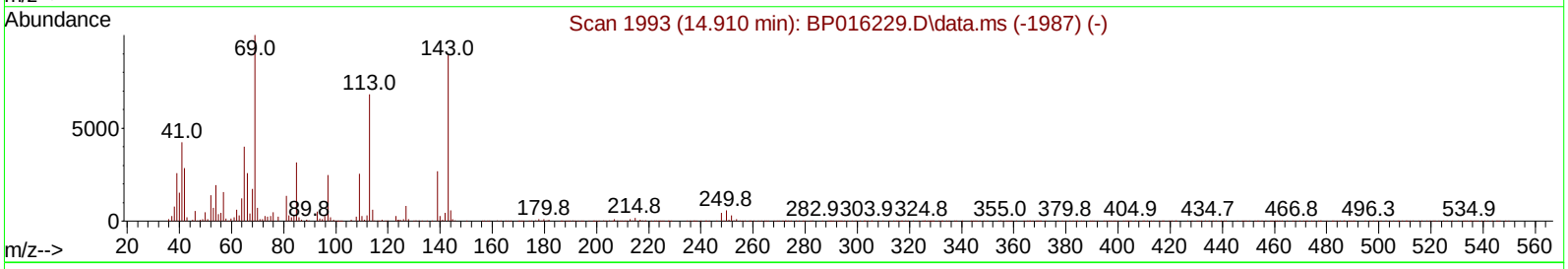

TIC: BP016234.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.880min (-0.053) 21.73 ng/ul

response 142636

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	81.53
41.00	49.30	54.19
42.00	32.70	33.63

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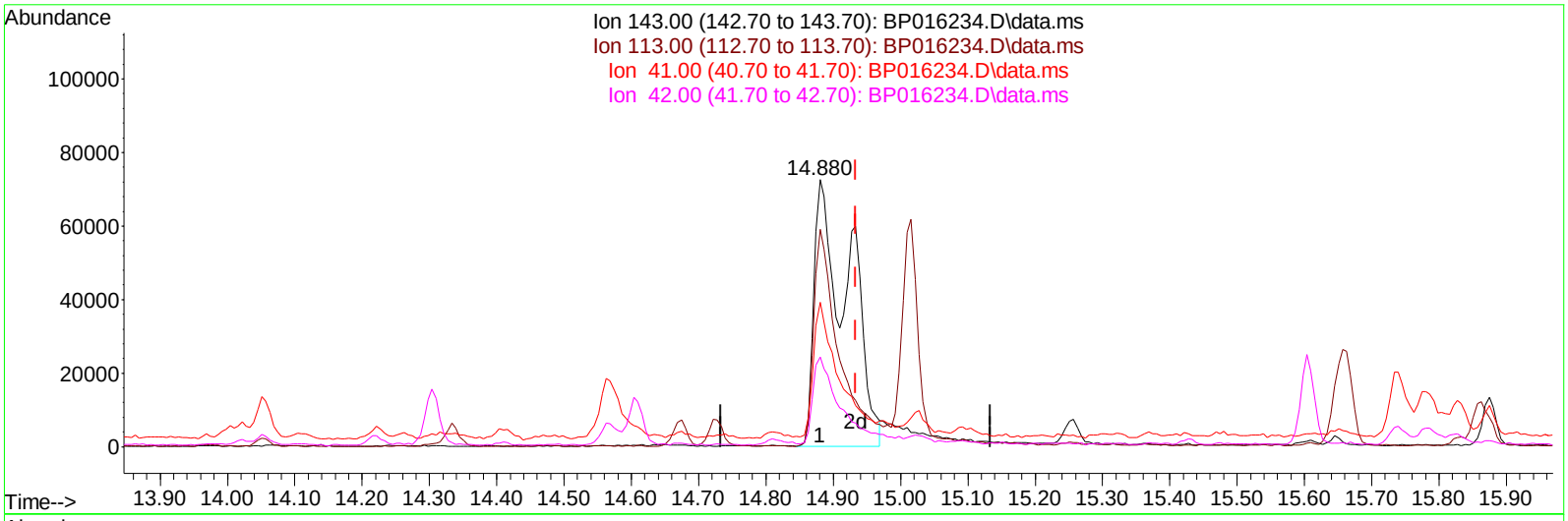

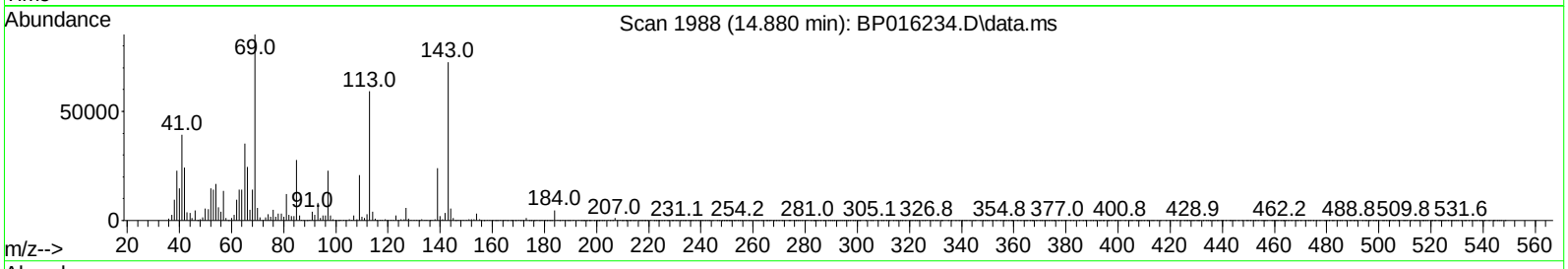

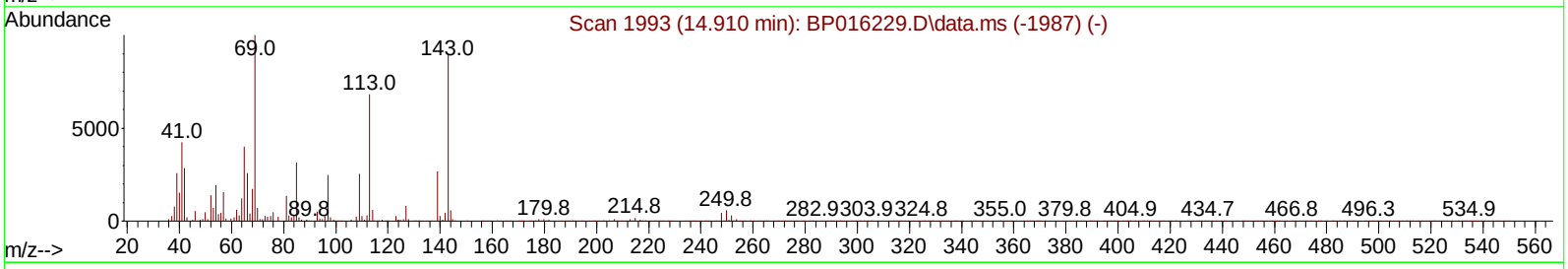

TIC: BP016234.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.880min (-0.053) 38.75 ng/ul m

response 254382

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	81.53
41.00	49.30	54.19
42.00	32.70	33.63

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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	7.957	152	138502	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	648685	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	421654	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	998347	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	1013838	20.000	ng/ul	0.00
88) Perylene-d12	23.962	264	1234718	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	20650	5.276	ng/uL	0.00
4) Pyridine-d5	3.728	84	284066	29.100	ng/ul	-0.01
7) Phenol-d5	7.140	99	492515	39.369	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.287	67	297235	35.137	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	355960	39.416	ng/ul	0.00
15) 4-Methylphenol-d8	8.692	113	391846	38.882	ng/ul	-0.01
21) Nitrobenzene-d5	9.145	128	180849	40.411	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	204823	40.157	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.422	165	387131	43.829	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.945	131	488994	34.540	ng/ul	-0.01
46) Dimethylphthalate-d6	14.022	166	1184792	36.836	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	1375205	39.014	ng/ul	0.00
54) 4-Nitrophenol-d4	14.880	143	254382m	38.753	ng/ul	-0.05
60) Fluorene-d10	15.604	176	1033838	38.406	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	184122	31.948	ng/ul	-0.01
73) Anthracene-d10	17.474	188	1698761	38.900	ng/ul	0.00
81) Pyrene-d10	19.709	212	2107948	40.069	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.792	264	2354424	39.707	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	61665	14.363	ng/uL#	93
5) Pyridine	3.751	79	373319	37.338	ng/ul	94
6) Benzaldehyde	7.110	77	330149	42.265	ng/ul	92
8) Phenol	7.169	94	600180	44.755	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.381	93	453563	41.588	ng/ul	99
12) 2-Chlorophenol	7.516	128	431926	46.097	ng/ul	98
13) 2-Methylphenol	8.422	108	455270	45.105	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.487	45	711349m	40.190	ng/ul	
16) Acetophenone	8.804	105	721075	43.391	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.775	70	398161	44.690	ng/ul	98
18) 4-Methylphenol	8.763	108	502325	45.510	ng/ul	99
19) Hexachloroethane	9.022	117	179298	41.974	ng/ul	98
22) Nitrobenzene	9.186	77	585966	45.065	ng/ul	99
23) Isophorone	9.704	82	1145429	44.441	ng/ul	99
25) 2-Nitrophenol	9.904	139	264065	48.185	ng/ul	97
26) 2,4-Dimethylphenol	9.957	107	565848	46.953	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.186	93	682596	45.483	ng/ul	100
29) 2,4-Dichlorophenol	10.451	162	443420	48.822	ng/ul	98
30) Naphthalene	10.822	128	1502982	44.150	ng/ul	99
32) 4-Chloroaniline	10.969	127	593816	42.172	ng/ul	99
33) Hexachlorobutadiene	11.081	225	269087	43.622	ng/ul	100
34) Caprolactam	11.786	113	160081	48.687	ng/ul	92
35) 4-Chloro-3-methylphenol	12.104	107	551535	49.209	ng/ul	97

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.439	142	1014237	44.435 ng/ul	100
37) 1-Methylnaphthalene	12.657	142	1026317	43.721 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.810	216	546627	45.518 ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	124024	26.307 ng/ul	99
41) 2,4,6-Trichlorophenol	13.069	196	374288	49.331 ng/ul	98
42) 2,4,5-Trichlorophenol	13.157	196	412521	51.141 ng/ul	99
43) 1,1'-Biphenyl	13.439	154	1392560	45.275 ng/ul	99
44) 2-Chloronaphthalene	13.492	162	1093674	45.257 ng/ul	98
45) 2-Nitroaniline	13.733	65	396201	50.309 ng/ul	100
47) Dimethylphthalate	14.069	163	1407459	43.325 ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	297570	48.588 ng/ul	97
50) Acenaphthylene	14.333	152	1761704	43.515 ng/ul	99
51) 3-Nitroaniline	14.569	138	302994	48.719 ng/ul	95
52) Acenaphthene	14.674	153	1224969	44.737 ng/ul	100
53) 2,4-Dinitrophenol	14.810	184	134039	31.270 ng/ul	97
55) 4-Nitrophenol	14.898	109	225137	45.069 ng/ul#	77
56) Dibenzofuran	15.016	168	1685991	45.205 ng/ul	98
57) 2,4-Dinitrotoluene	15.027	165	434328	48.074 ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.257	232	364381	49.775 ng/ul	98
59) Diethylphthalate	15.427	149	1481069	43.841 ng/ul	99
61) Fluorene	15.663	166	1404650	45.083 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.651	204	666629	44.239 ng/ul	99
63) 4-Nitroaniline	15.739	138	299757	52.481 ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.798	198	222509	36.939 ng/ul	98
67) N-Nitrosodiphenylamine	15.874	169	1180855	44.624 ng/ul	99
68) 4-Bromophenyl-phenylether	16.551	248	425037	44.799 ng/ul	99
69) Hexachlorobenzene	16.674	284	510983	44.722 ng/ul	98
70) Atrazine	16.833	200	445187	42.426 ng/ul	98
71) Pentachlorophenol	17.039	266	270184	47.156 ng/ul	99
72) Phenanthrene	17.415	178	2385253	45.854 ng/ul	99
74) Anthracene	17.515	178	2378191	45.498 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.410	216	541932	41.349 ng/uL	99
76) Pentachlorobenzene	14.933	250	548256	44.317 ng/uL	99
77) Carbazole	17.798	167	2195525	46.069 ng/ul	99
78) Di-n-butylphthalate	18.310	149	2822447	47.278 ng/ul	99
80) Fluoranthene	19.386	202	3016020	49.027 ng/ul	99
82) Pyrene	19.739	202	3143830	47.865 ng/ul	99
83) Butylbenzylphthalate	20.586	149	1421242	50.174 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.386	252	894001	37.740 ng/ul	98
85) Benzo(a)anthracene	21.451	228	3128724	47.390 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	2180777	51.536 ng/ul	100
87) Chrysene	21.503	228	3041792	45.481 ng/ul	99
89) Di-n-octyl phthalate	22.274	149	3847020	49.742 ng/ul	100
90) Benzo(b)fluoranthene	23.192	252	3453336	48.963 ng/ul	98
91) Benzo(k)fluoranthene	23.239	252	3335415	46.471 ng/ul	99
93) Benzo(a)pyrene	23.850	252	3028754	43.350 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.591	276	3658852	42.291 ng/ul	100
95) Dibenzo(a,h)anthracene	26.591	278	3017765	42.763 ng/ul	98
96) Benzo(g,h,i)perylene	27.403	276	2909147	42.126 ng/ul	99

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

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