Quantitation Report (Qedit)

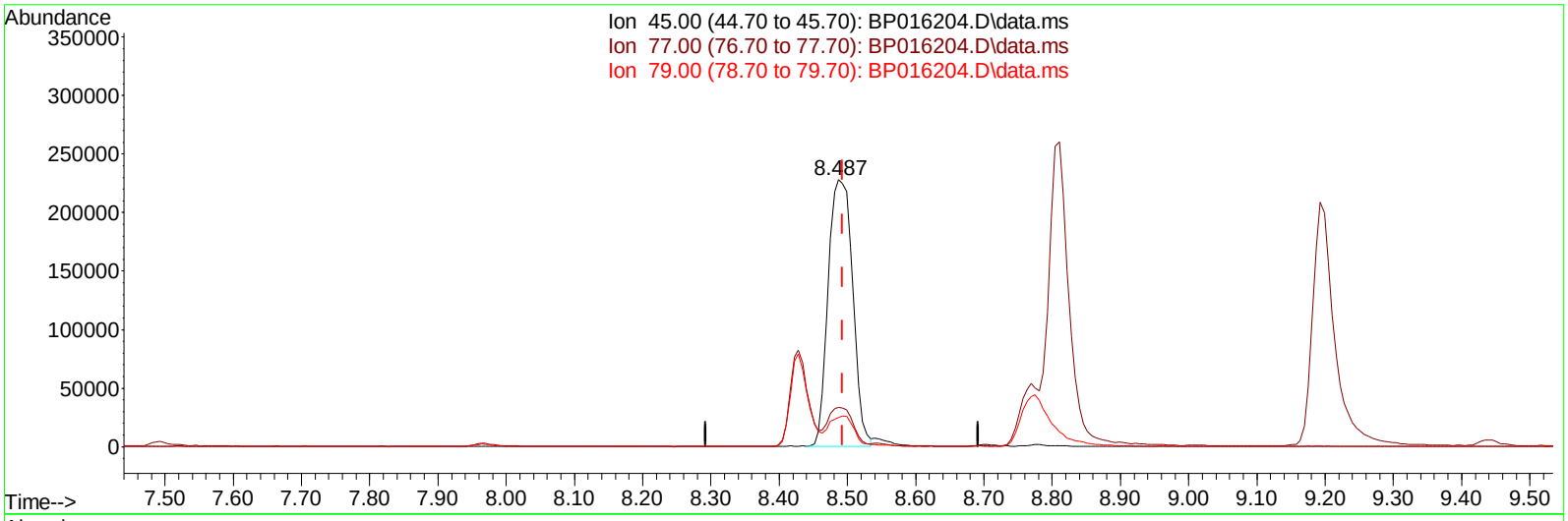
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071323\
Data File : BP016204.D
Acq On : 13 Jul 2023 12:25
Operator : MA/JU
Sample : 03404-06MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

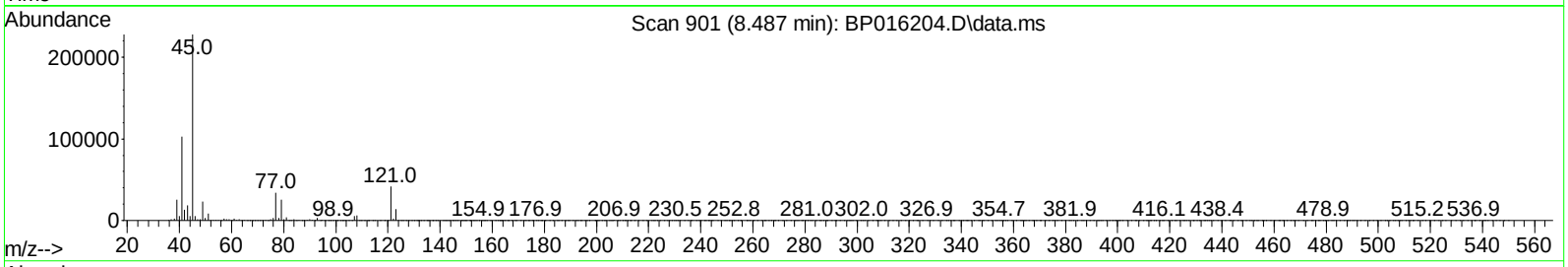
Quant Time: Jul 14 00:41:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 13 18:57:06 2023
Response via : Initial Calibration

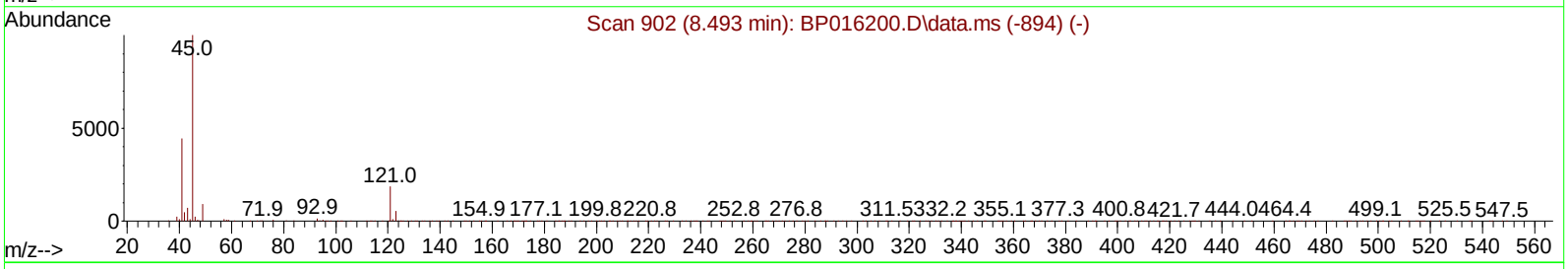
Instrument :
BNA_P
ClientSampleId :
YBW43MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023







TIC: BP016204.D\data.ms

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

8.487min (-0.006) 31.20 ng/ul

response 565250

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.60	14.81
79.00	10.90	11.05
0.00	0.00	0.00

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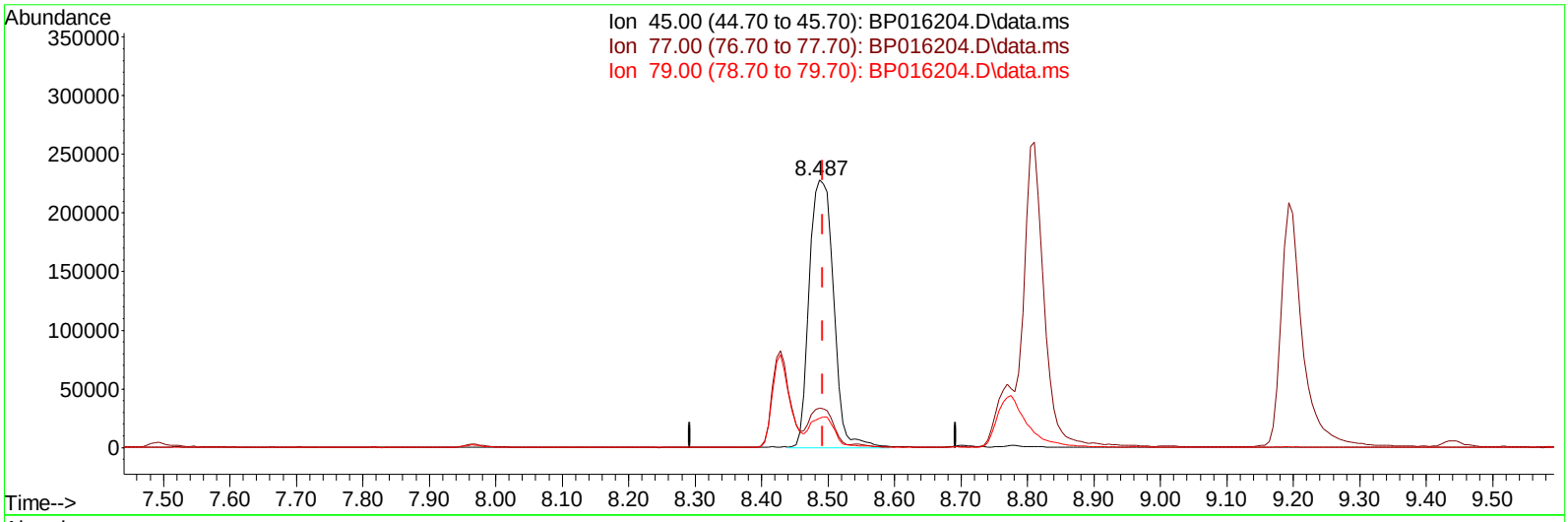

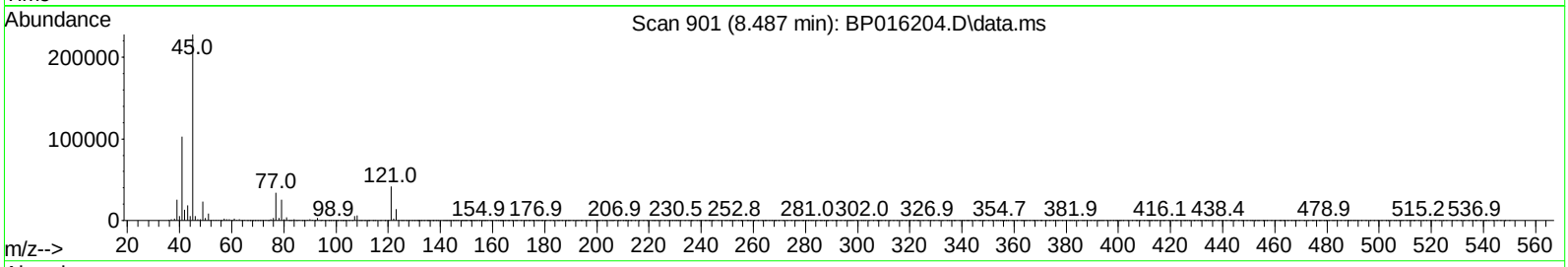

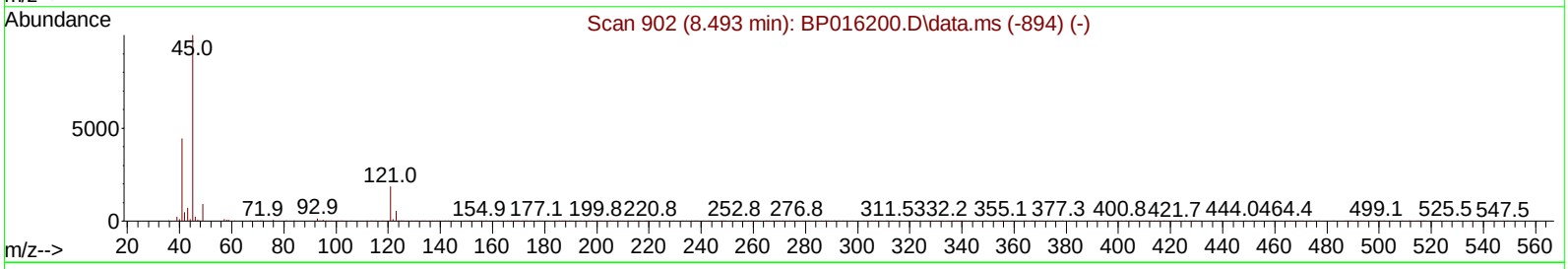

TIC: BP016204.D\data.ms

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

8.487min (-0.006) 31.99 ng/ul m

response 579568

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.60	14.81
79.00	10.90	11.05
0.00	0.00	0.00

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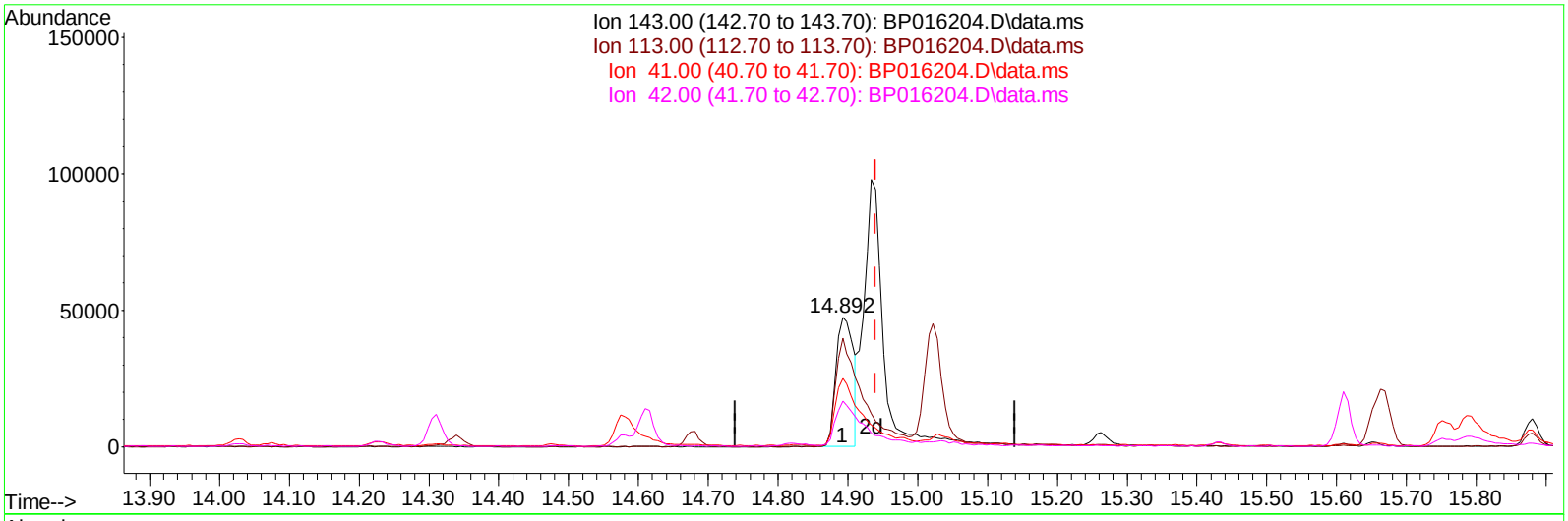

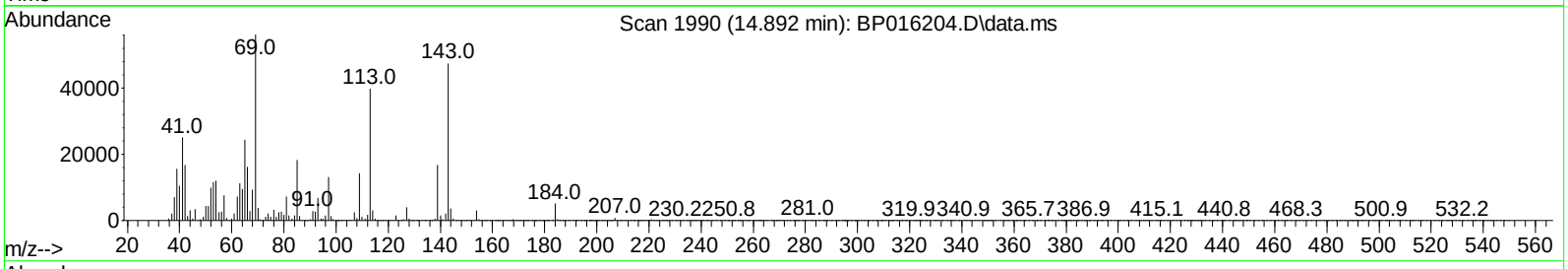

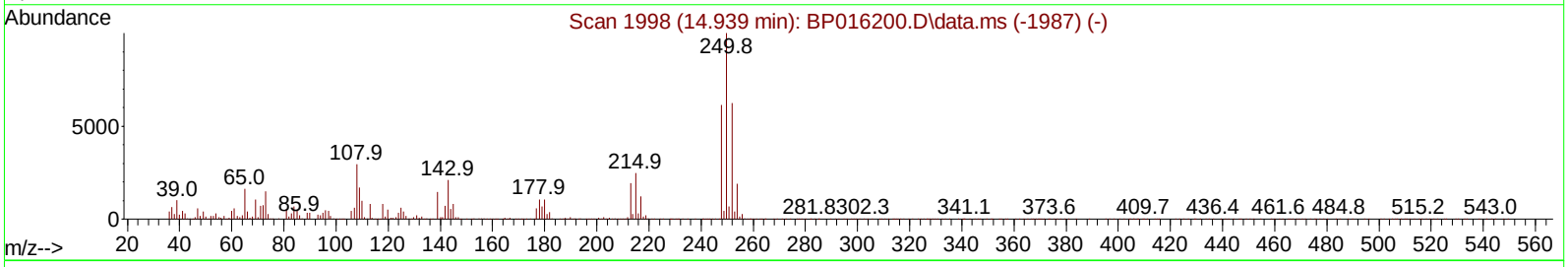

TIC: BP016204.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.892min (-0.047) 11.75 ng/ul

response 81931

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	83.84
41.00	49.30	52.77
42.00	32.70	35.36

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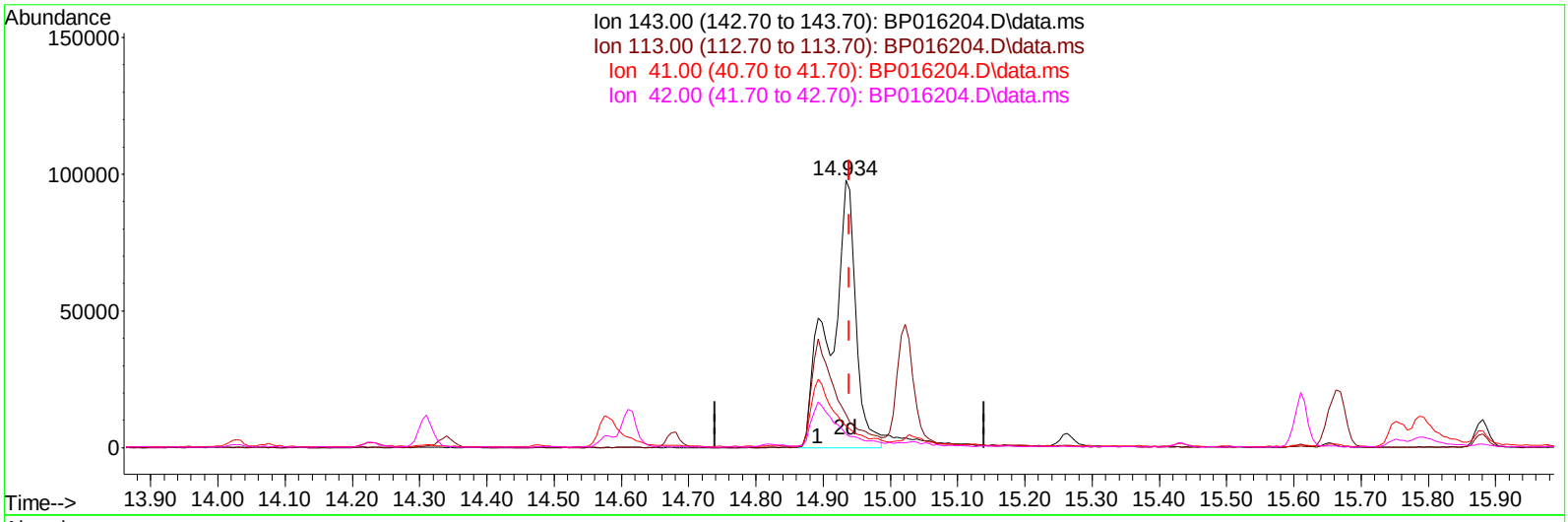

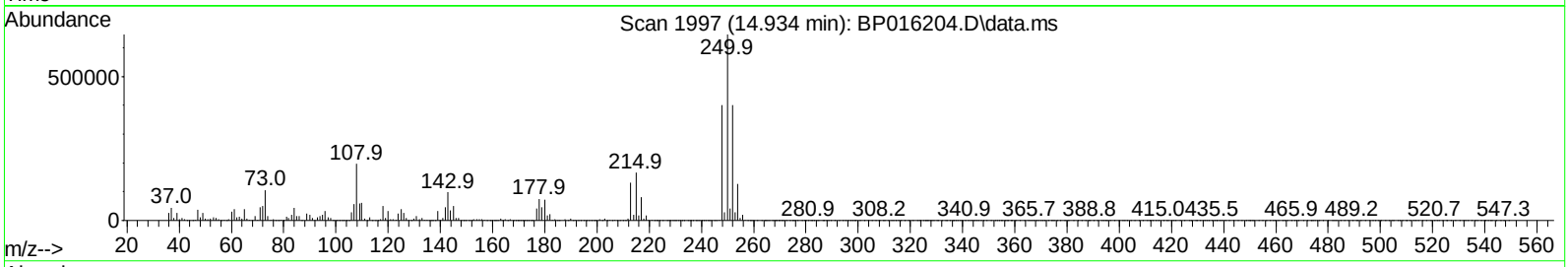

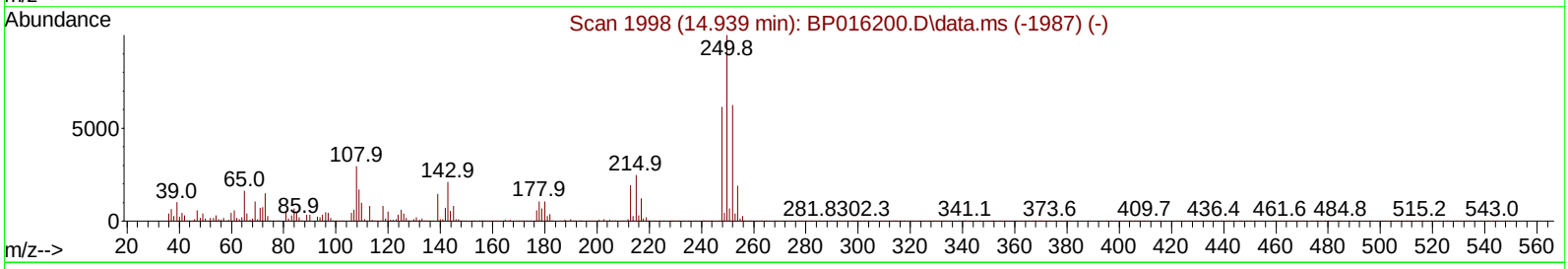

TIC: BP016204.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.934min (-0.006) 36.86 ng/ul m

response 257087

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	12.36#
41.00	49.30	8.14#
42.00	32.70	5.15#

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/14/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	141759	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	670499	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	448030	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.381	188	1032143	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	1071572	20.000	ng/ul	0.00
88) Perylene-d12	23.980	264	1283976	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	16754	4.182	ng/uL	0.00
4) Pyridine-d5	3.734	84	183210	18.337	ng/ul	0.00
7) Phenol-d5	7.146	99	359997	28.115	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.293	67	226948	26.212	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	262061	28.352	ng/ul	0.00
15) 4-Methylphenol-d8	8.699	113	289093	28.027	ng/ul	-0.01
21) Nitrobenzene-d5	9.152	128	131977	28.531	ng/ul	0.00
24) 2-Nitrophenol-d4	9.881	143	154041	29.218	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.440	165	283587	31.062	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.957	131	342508	23.406	ng/ul	-0.01
46) Dimethylphthalate-d6	14.028	166	937564	27.433	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	1041431	27.806	ng/ul	0.00
54) 4-Nitrophenol-d4	14.934	143	257087m	36.860	ng/ul	0.00
60) Fluorene-d10	15.610	176	799815	27.963	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	153495	25.761	ng/ul	0.00
73) Anthracene-d10	17.486	188	1264509	28.008	ng/ul	0.00
81) Pyrene-d10	19.716	212	1587135	28.544	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.804	264	1811650	29.381	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	50086	11.398	ng/uL#	91
5) Pyridine	3.752	79	300586	29.372	ng/ul	99
6) Benzaldehyde	7.122	77	236426	29.571	ng/ul	95
8) Phenol	7.175	94	467102	34.031	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.387	93	366989	32.877	ng/ul	98
12) 2-Chlorophenol	7.522	128	336618	35.100	ng/ul	98
13) 2-Methylphenol	8.428	108	349847	33.864	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.487	45	579568m	31.992	ng/ul	
16) Acetophenone	8.810	105	569807	33.500	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.781	70	321287	35.233	ng/ul	98
18) 4-Methylphenol	8.769	108	389949	34.517	ng/ul	99
19) Hexachloroethane	9.022	117	142961	32.698	ng/ul	95
22) Nitrobenzene	9.193	77	465196	34.613	ng/ul	99
23) Isophorone	9.710	82	916411	34.399	ng/ul	99
25) 2-Nitrophenol	9.910	139	203950	36.005	ng/ul	99
26) 2,4-Dimethylphenol	9.969	107	392904	31.542	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.193	93	548303	35.346	ng/ul	99
29) 2,4-Dichlorophenol	10.469	162	342377	36.471	ng/ul	99
30) Naphthalene	10.828	128	1170533	33.266	ng/ul	99
32) 4-Chloroaniline	10.981	127	393520	27.038	ng/ul	99
33) Hexachlorobutadiene	11.087	225	209694	32.888	ng/ul	98
34) Caprolactam	11.793	113	122239	35.968	ng/ul	91
35) 4-Chloro-3-methylphenol	12.110	107	418297	36.107	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	12.445	142	793031	33.614	ng/ul	100
37) 1-Methylnaphthalene	12.663	142	809838	33.377	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.816	216	426166	33.398	ng/ul	99
40) Hexachlorocyclopentadiene	12.763	237	100408	20.044	ng/ul	95
41) 2,4,6-Trichlorophenol	13.075	196	272033	33.743	ng/ul	99
42) 2,4,5-Trichlorophenol	13.169	196	294741	34.388	ng/ul	99
43) 1,1'-Biphenyl	13.445	154	1105216	33.817	ng/ul	98
44) 2-Chloronaphthalene	13.498	162	862469	33.589	ng/ul	99
45) 2-Nitroaniline	13.740	65	299564	35.799	ng/ul	98
47) Dimethylphthalate	14.075	163	1145381	33.182	ng/ul	99
48) 2,6-Dinitrotoluene	14.228	165	231942	35.643	ng/ul	99
50) Acenaphthylene	14.340	152	1372136	31.897	ng/ul	100
51) 3-Nitroaniline	14.581	138	231015	34.959	ng/ul	91
52) Acenaphthene	14.681	153	957474	32.909	ng/ul	99
53) 2,4-Dinitrophenol	14.822	184	115797	25.424	ng/ul	98
55) 4-Nitrophenol	14.934	109	188369	35.489	ng/ul#	56
56) Dibenzofuran	15.022	168	1330116	33.564	ng/ul	99
57) 2,4-Dinitrotoluene	15.039	165	342456	35.674	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.263	232	261824	33.660	ng/ul	99
59) Diethylphthalate	15.434	149	1198474	33.387	ng/ul	99
61) Fluorene	15.669	166	1101755	33.279	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.657	204	528049	32.979	ng/ul	99
63) 4-Nitroaniline	15.757	138	208663	34.381	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.804	198	193695	31.103	ng/ul	99
67) N-Nitrosodiphenylamine	15.881	169	936295	34.224	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	328048	33.444	ng/ul	97
69) Hexachlorobenzene	16.681	284	387166	32.776	ng/ul	99
70) Atrazine	16.845	200	251662	23.198	ng/ul	99
71) Pentachlorophenol	17.051	266	172871	29.184	ng/ul	97
72) Phenanthrene	17.422	178	1805134	33.566	ng/ul	99
74) Anthracene	17.522	178	1789364	33.112	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.416	216	442414	32.651	ng/uL	99
76) Pentachlorobenzene	14.939	250	1031698	80.664	ng/uL	99
77) Carbazole	17.810	167	1673400	33.964	ng/ul	99
78) Di-n-butylphthalate	18.316	149	2202244	35.681	ng/ul	99
80) Fluoranthene	19.392	202	2228087	34.267	ng/ul	99
82) Pyrene	19.751	202	2330867	33.576	ng/ul	99
83) Butylbenzylphthalate	20.592	149	1077478	35.989	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.392	252	821549	32.813	ng/ul	99
85) Benzo(a)anthracene	21.457	228	2342449	33.569	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	1640347	36.676	ng/ul	100
87) Chrysene	21.516	228	2320043	32.820	ng/ul	100
89) Di-n-octyl phthalate	22.286	149	2890467	35.940	ng/ul	100
90) Benzo(b)fluoranthene	23.204	252	2559964	34.904	ng/ul	99
91) Benzo(k)fluoranthene	23.251	252	2538346	34.009	ng/ul	99
93) Benzo(a)pyrene	23.863	252	2297475	31.621	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.609	276	3075165	34.181	ng/ul	98
95) Dibenzo(a,h)anthracene	26.609	278	2523658	34.389	ng/ul	98
96) Benzo(g,h,i)perylene	27.433	276	2491405	34.693	ng/ul	99

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

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