Quantitation Report (Qedit)

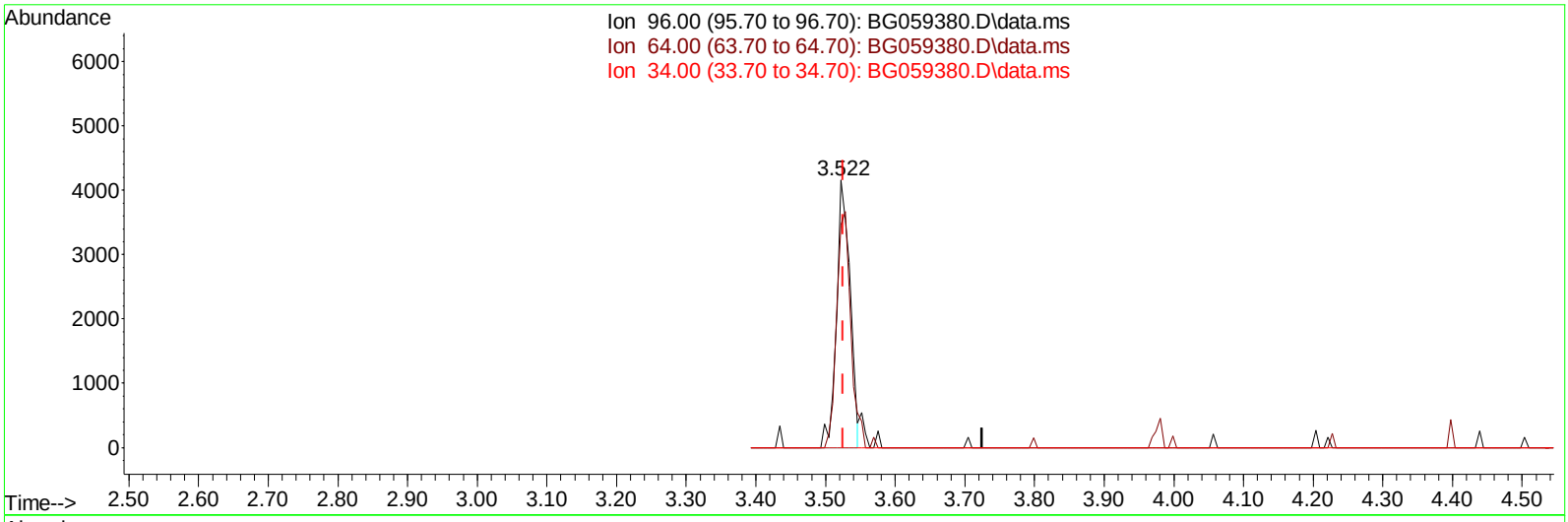
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059380.D
Acq On : 8 Oct 2023 17:54
Operator : MA/JU
Sample : 04654-02MS
Misc :
ALS Vial : 38 Sample Multiplier: 1

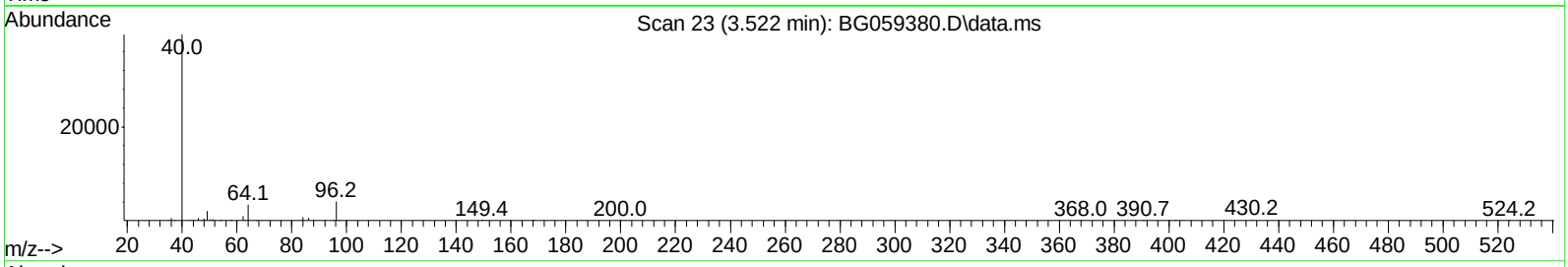
Quant Time: Oct 09 01:03:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

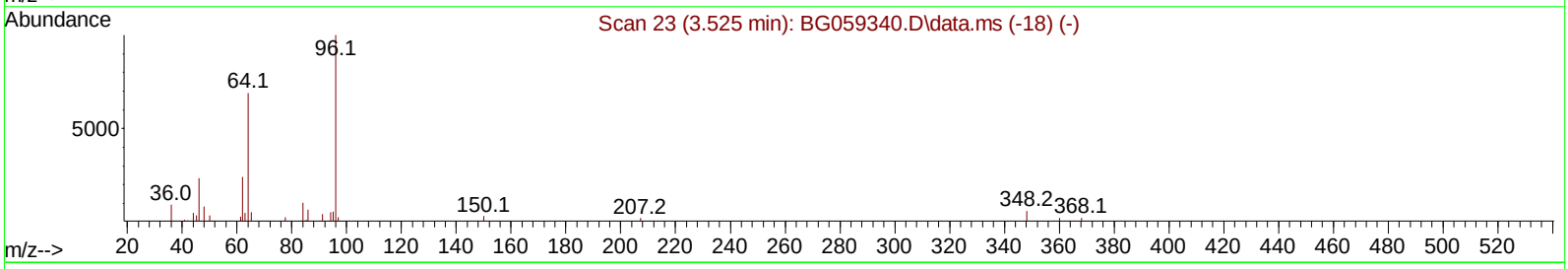
Instrument :
BNA_G
ClientSampleId :
BBJJ7MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023







TIC: BG059380.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.522min (-0.003) 3.45 ng/uL

response 5598

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	69.20	83.25#
34.00	0.00	0.00
0.00	0.00	0.00

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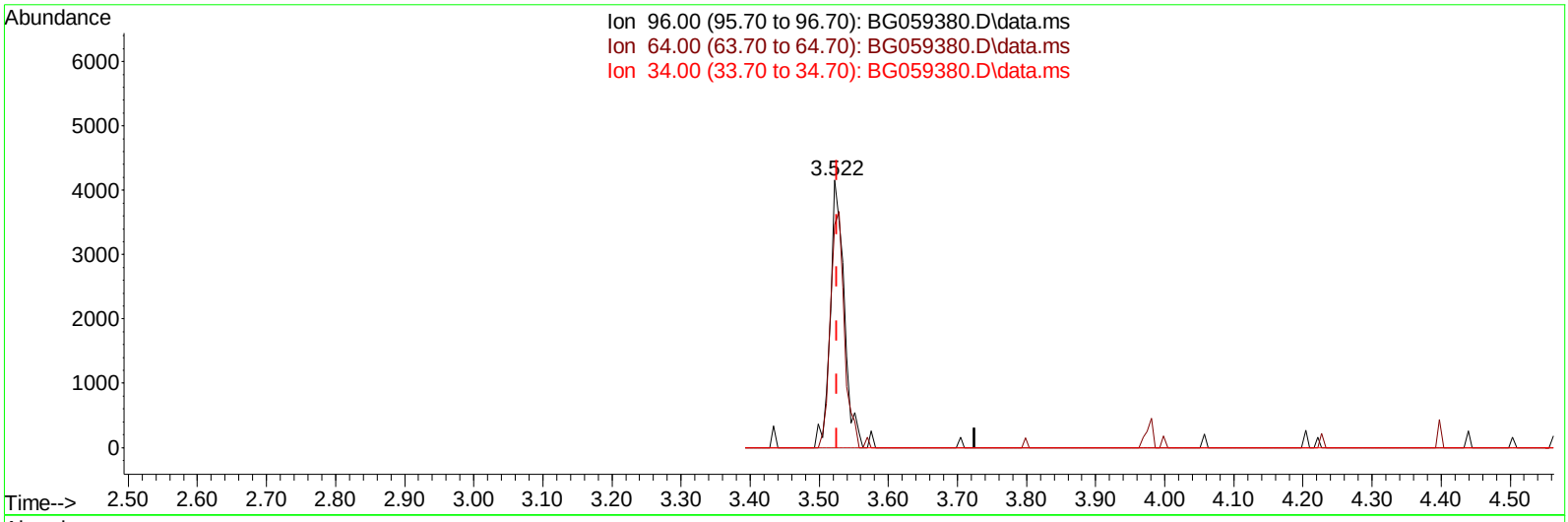

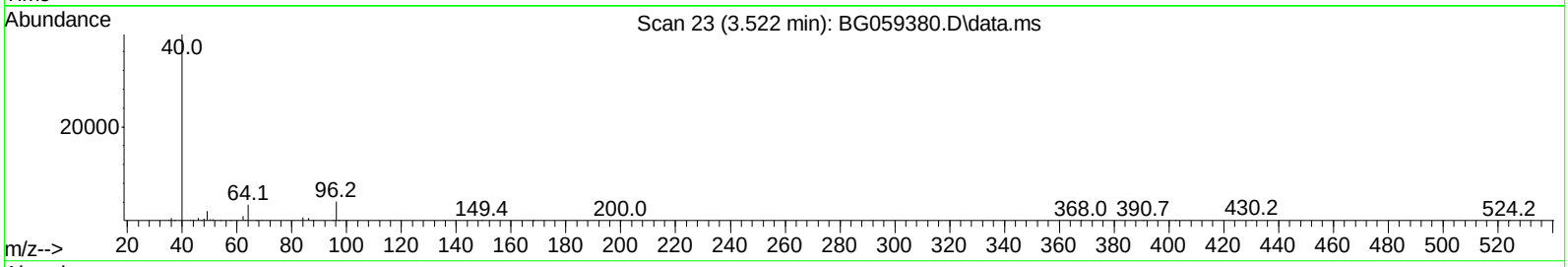

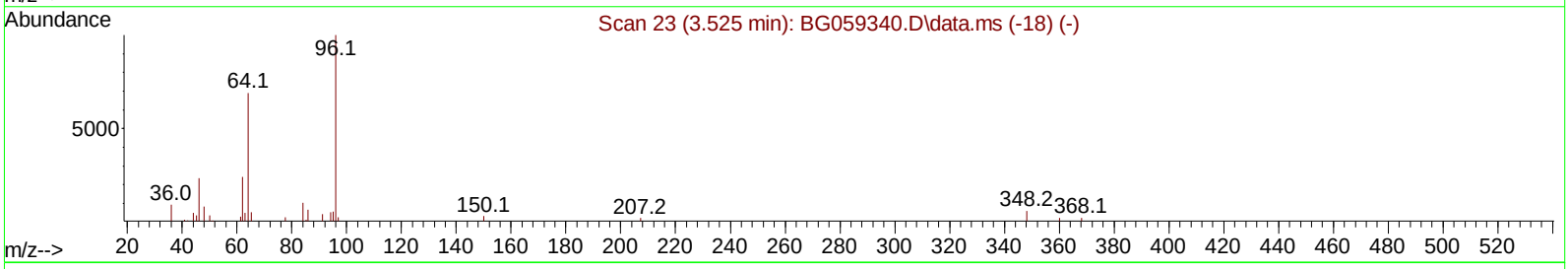

TIC: BG059380.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.522min (-0.003) 3.62 ng/uL m

response 5867

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	69.20	83.25#
34.00	0.00	0.00
0.00	0.00	0.00

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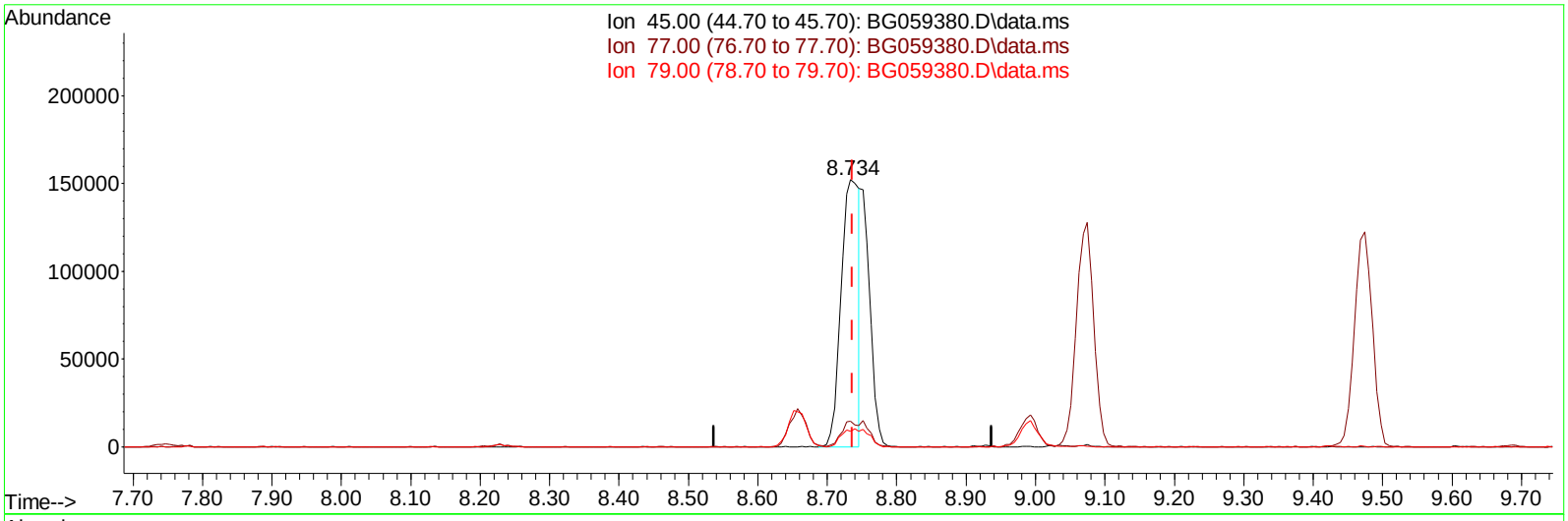

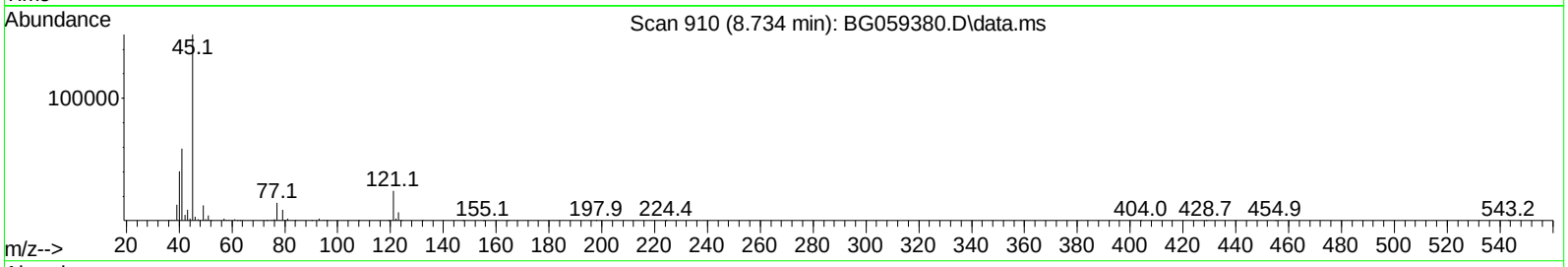

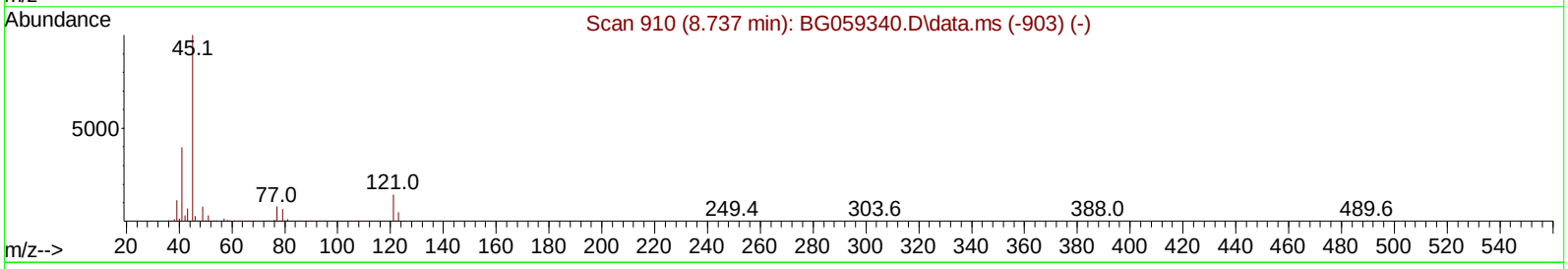

TIC: BG059380.D\data.ms

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

8.734min (-0.003) 27.59 ng/ul

response 280410

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	8.30	9.61
79.00	7.30	5.77#
0.00	0.00	0.00

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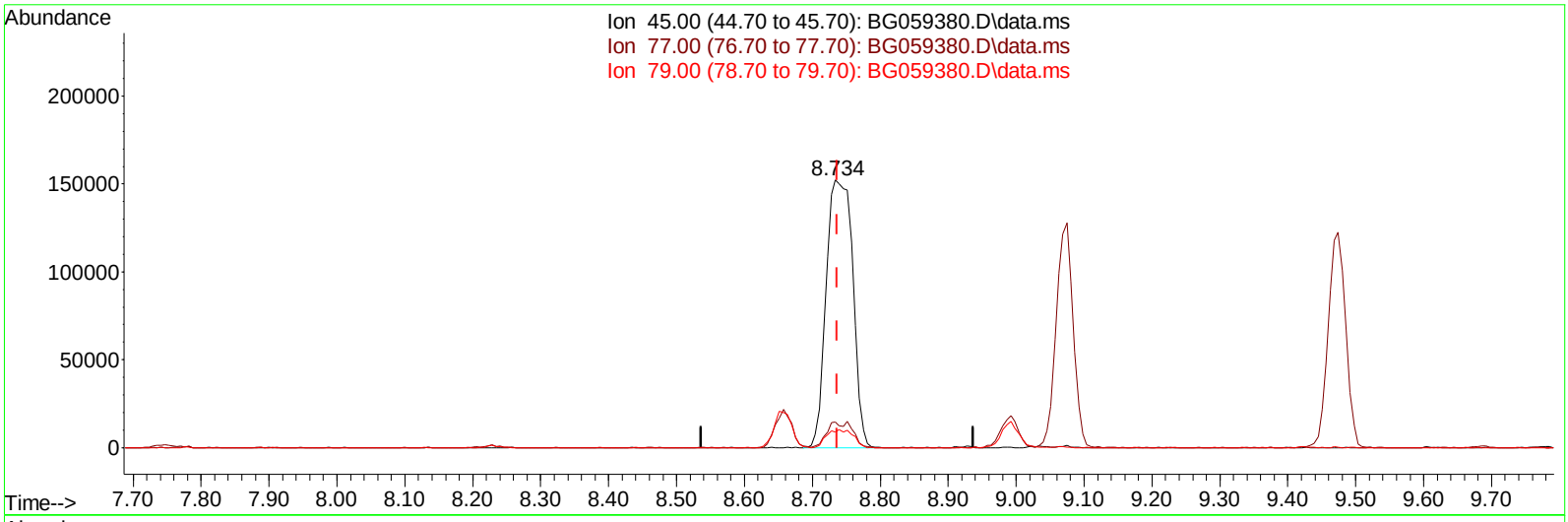

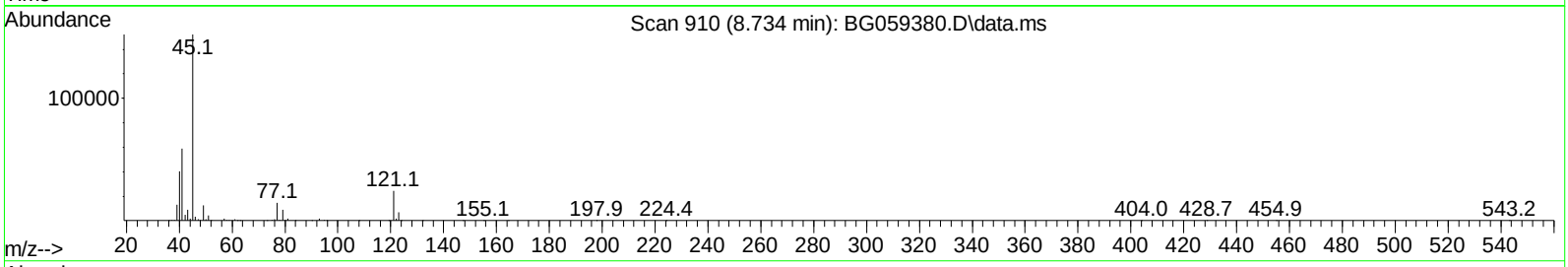

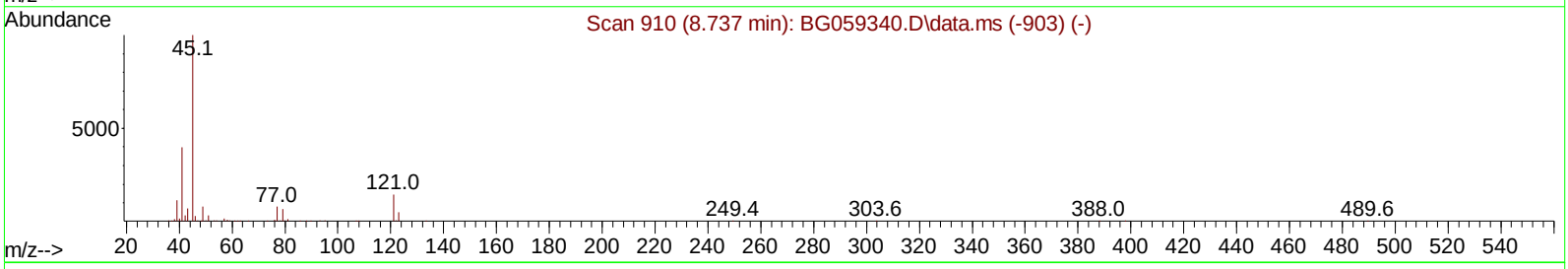

TIC: BG059380.D\data.ms

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

8.734min (-0.003) 40.56 ng/ul m

response 412296

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	8.30	9.61
79.00	7.30	5.77#
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	8.229	152	57772	20.000	ng/ul	0.00
20) Naphthalene-d8	11.072	136	285963	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.868	164	186096	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.612	188	426386	20.000	ng/ul	0.00
79) Chrysene-d12	21.918	240	377030	20.000	ng/ul	0.00
88) Perylene-d12	25.403	264	447442	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.522	96	5867m	3.621	ng/uL	0.00
4) Pyridine-d5	3.963	84	49907	10.701	ng/ul	0.00
7) Phenol-d5	7.353	99	46119	7.230	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.547	67	137205	38.054	ng/ul	0.00
11) 2-Chlorophenol-d4	7.747	132	133191	29.854	ng/ul	0.00
15) 4-Methylphenol-d8	8.928	113	85378	17.178	ng/ul	0.00
21) Nitrobenzene-d5	9.433	128	96294	39.557	ng/ul	0.00
24) 2-Nitrophenol-d4	10.144	143	103746	39.376	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.673	165	172156	36.201	ng/ul	0.00
31) 4-Chloroaniline-d4	11.213	131	224951	29.779	ng/ul	0.00
46) Dimethylphthalate-d6	14.263	166	636249	41.732	ng/ul	0.00
49) Acenaphthylene-d8	14.568	160	728160	40.133	ng/ul	0.00
54) 4-Nitrophenol-d4	15.056	143	24554	8.594	ng/ul	0.00
60) Fluorene-d10	15.855	176	585248	40.215	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.972	200	125760	44.672	ng/ul	0.00
73) Anthracene-d10	17.717	188	913448	43.671	ng/ul	0.00
81) Pyrene-d10	19.991	212	1020776	44.692	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.168	264	1041723	44.243	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.563	88	9381	5.424	ng/uL	92
5) Pyridine	3.981	79	50116	10.643	ng/ul	87
6) Benzaldehyde	7.377	77	114882	43.417	ng/ul	96
8) Phenol	7.382	94	50050	7.934	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.647	93	194717	40.083	ng/ul	95
12) 2-Chlorophenol	7.782	128	137957	29.346	ng/ul#	90
13) 2-Methylphenol	8.657	108	103925	22.048	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.734	45	412296m	40.564	ng/ul	
16) Acetophenone	9.075	105	303358	40.166	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.033	70	143575	38.151	ng/ul#	86
18) 4-Methylphenol	8.986	108	97474	18.805	ng/ul	95
19) Hexachloroethane	9.310	117	70043	40.962	ng/ul	91
22) Nitrobenzene	9.474	77	220685	41.352	ng/ul#	92
23) Isophorone	9.979	82	458547	40.239	ng/ul	97
25) 2-Nitrophenol	10.179	139	108130	39.793	ng/ul#	88
26) 2,4-Dimethylphenol	10.203	107	118595	22.124	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.461	93	281545	41.114	ng/ul	96
29) 2,4-Dichlorophenol	10.702	162	178077	37.187	ng/ul	94
30) Naphthalene	11.125	128	673650	40.731	ng/ul	98
32) 4-Chloroaniline	11.243	127	194742	27.251	ng/ul	97
33) Hexachlorobutadiene	11.348	225	122161	42.250	ng/ul	98
34) Caprolactam	12.036	113	7364	4.235	ng/ul	87
35) 4-Chloro-3-methylphenol	12.318	107	167317	32.561	ng/ul	91

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.706	142	450074	40.820	ng/ul	92
37) 1-Methylnaphthalene	12.923	142	456556	39.881	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.052	216	240742	43.430	ng/ul#	97
40) Hexachlorocyclopentadiene	13.005	237	113910	34.229	ng/ul#	93
41) 2,4,6-Trichlorophenol	13.293	196	155397	41.315	ng/ul	91
42) 2,4,5-Trichlorophenol	13.364	196	169353	41.457	ng/ul	91
43) 1,1'-Biphenyl	13.704	154	650613	42.478	ng/ul	98
44) 2-Chloronaphthalene	13.757	162	501933	42.633	ng/ul	99
45) 2-Nitroaniline	13.975	65	169469	43.958	ng/ul	92
47) Dimethylphthalate	14.310	163	684287	44.658	ng/ul	98
48) 2,6-Dinitrotoluene	14.457	165	142422	46.072	ng/ul	95
50) Acenaphthylene	14.598	152	830030	42.560	ng/ul	98
51) 3-Nitroaniline	14.797	138	137224	45.333	ng/ul	98
52) Acenaphthene	14.932	153	551475	41.792	ng/ul	97
53) 2,4-Dinitrophenol	14.991	184	81751	36.817	ng/ul	96
55) 4-Nitrophenol	15.073	109	17007	8.823	ng/ul	87
56) Dibenzofuran	15.261	168	771752	42.387	ng/ul	99
57) 2,4-Dinitrotoluene	15.232	165	209192	46.207	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.473	232	165205	42.146	ng/ul	95
59) Diethylphthalate	15.649	149	668587	43.872	ng/ul	98
61) Fluorene	15.908	166	658169	42.486	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.890	204	331143	43.260	ng/ul	98
63) 4-Nitroaniline	15.961	138	142771	52.390	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.984	198	136314	45.526	ng/ul#	83
67) N-Nitrosodiphenylamine	16.113	169	556753	46.142	ng/ul	98
68) 4-Bromophenyl-phenylether	16.789	248	207557	45.841	ng/ul	98
69) Hexachlorobenzene	16.883	284	230506	44.601	ng/ul	95
70) Atrazine	17.048	200	169144	35.356	ng/ul	98
71) Pentachlorophenol	17.241	266	140834	46.887	ng/ul	95
72) Phenanthrene	17.659	178	1168579	46.276	ng/ul	98
74) Anthracene	17.753	178	1169123	45.521	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.663	216	242128	43.709	ng/uL	95
76) Pentachlorobenzene	15.156	250	240393	41.930	ng/uL	97
77) Carbazole	18.029	167	1012644	47.378	ng/ul	98
78) Di-n-butylphthalate	18.528	149	1208405	47.788	ng/ul	99
80) Fluoranthene	19.650	202	1331142	46.838	ng/ul	97
82) Pyrene	20.021	202	1388598	47.013	ng/ul	98
83) Butylbenzylphthalate	20.867	149	523874	48.003	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.813	252	436137	46.369	ng/ul#	95
85) Benzo(a)anthracene	21.895	228	1349446	46.864	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.724	149	775111	47.489	ng/ul	98
87) Chrysene	21.971	228	1234233	45.633	ng/ul	96
89) Di-n-octyl phthalate	23.017	149	1350772	47.844	ng/ul	100
90) Benzo(b)fluoranthene	24.280	252	1367993	46.403	ng/ul	100
91) Benzo(k)fluoranthene	24.357	252	1359847	45.429	ng/ul	94
93) Benzo(a)pyrene	25.244	252	1316474	46.879	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.439	276	1515278	46.843	ng/ul	97
95) Dibenzo(a,h)anthracene	29.521	278	1234308	46.926	ng/ul	98
96) Benzo(g,h,i)perylene	30.732	276	1211183	46.948	ng/ul	98

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

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