Quantitation Report (Qedit)

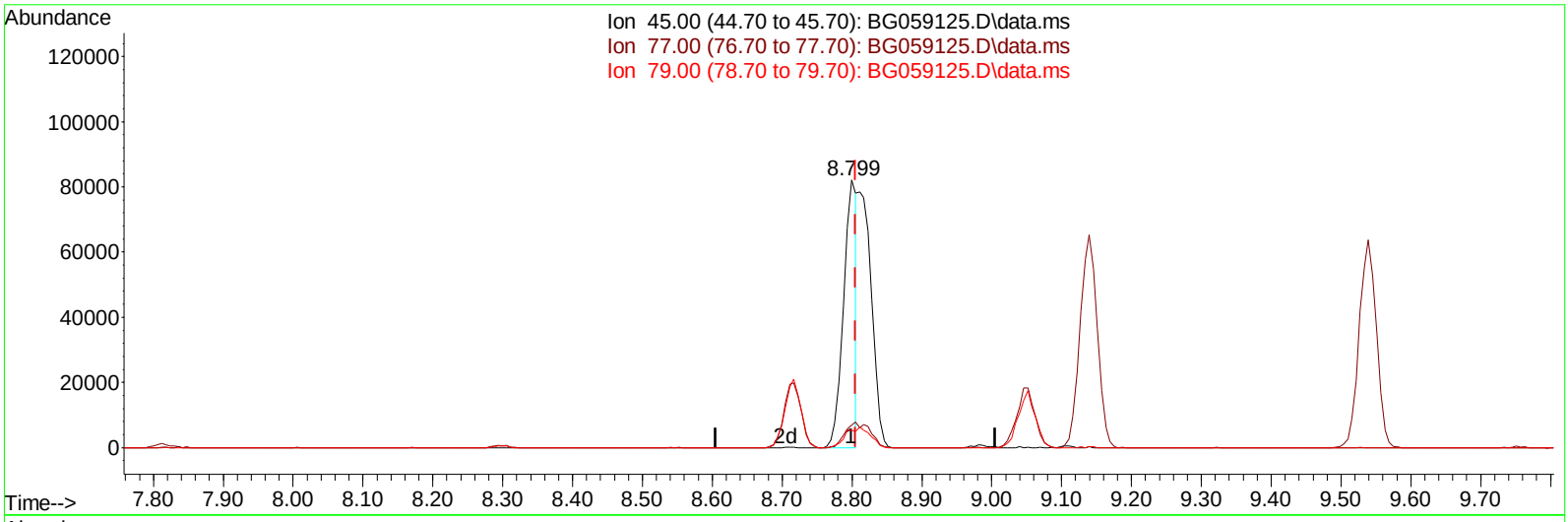
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059125.D
Acq On : 21 Sep 2023 1:40
Operator : MA/JU
Sample : PB155510BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

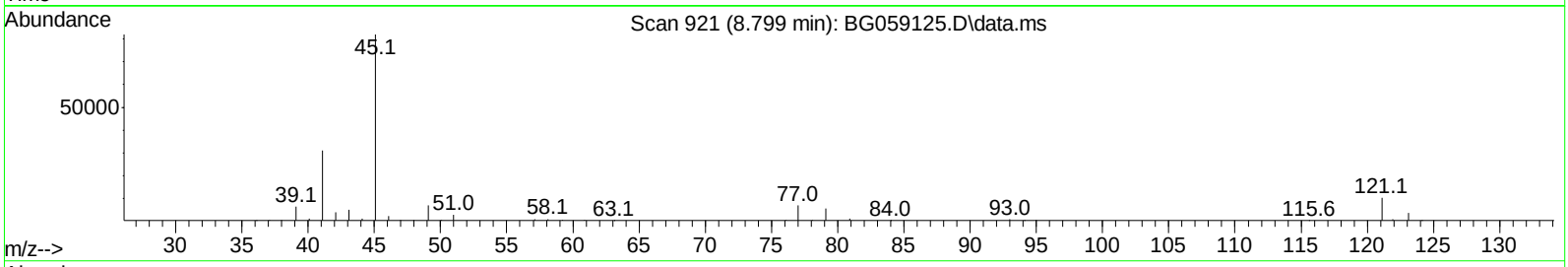
Quant Time: Sep 21 02:34:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 04:25:24 2023
Response via : Initial Calibration

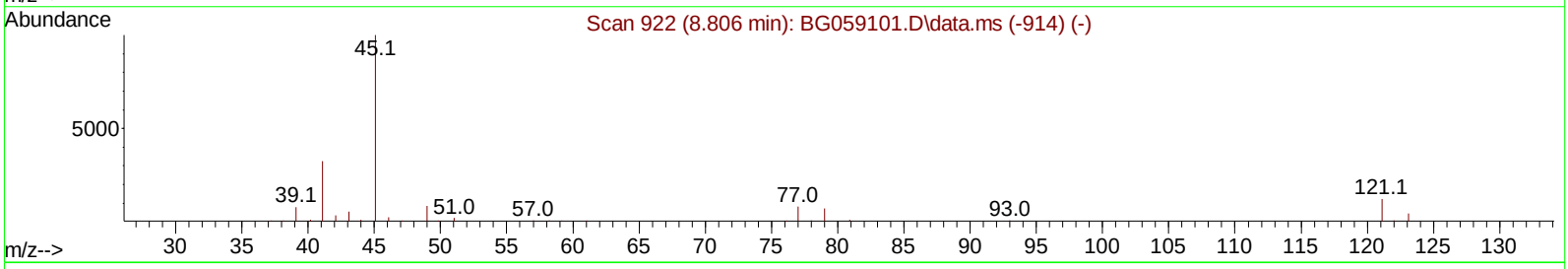
Instrument :
BNA_G
ClientSampleId :
SLCS510

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023







TIC: BG059125.D\data.ms

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

8.799min (-0.006) 20.04 ng/ul

response 106375

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	9.70	8.32
79.00	7.00	6.61
0.00	0.00	0.00

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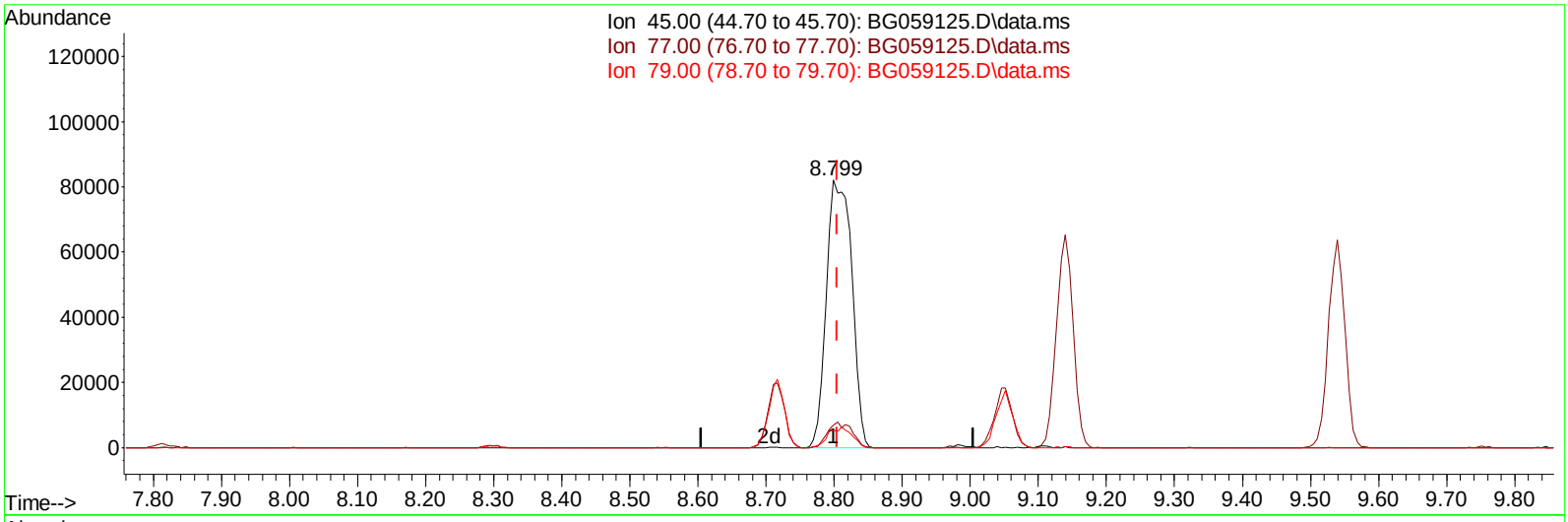

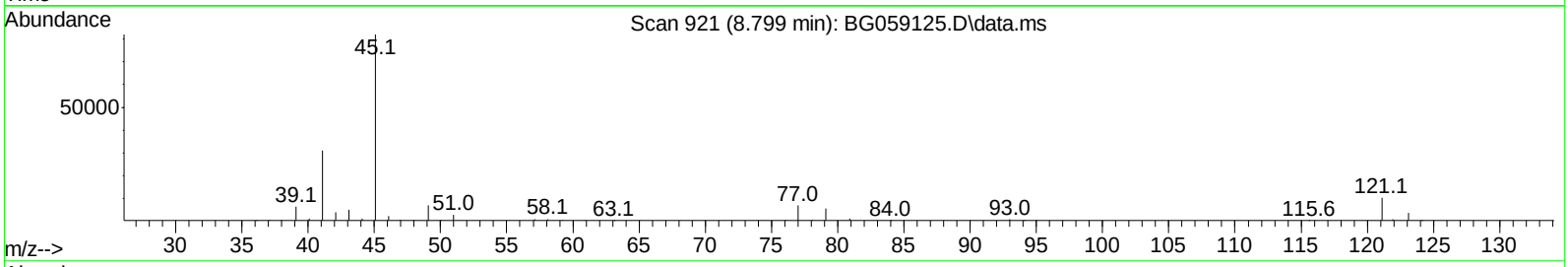

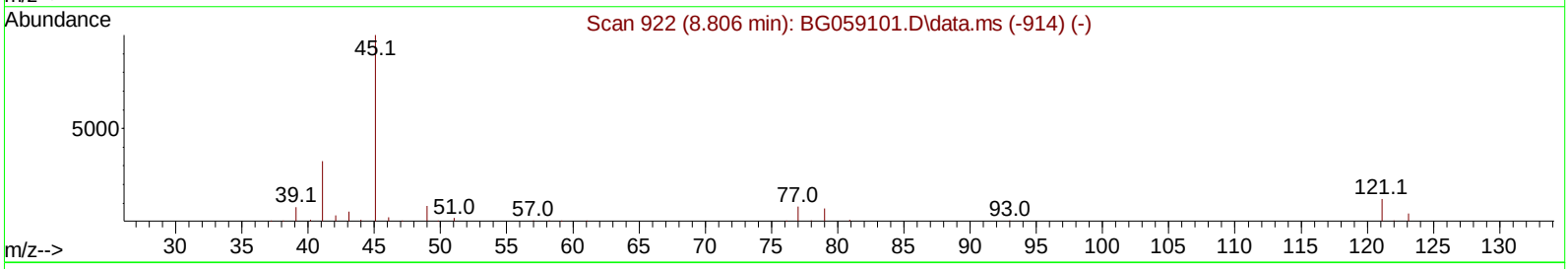

TIC: BG059125.D\data.ms

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

8.799min (-0.006) 40.05 ng/ul m

response 212619

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	9.70	8.32
79.00	7.00	6.61
0.00	0.00	0.00

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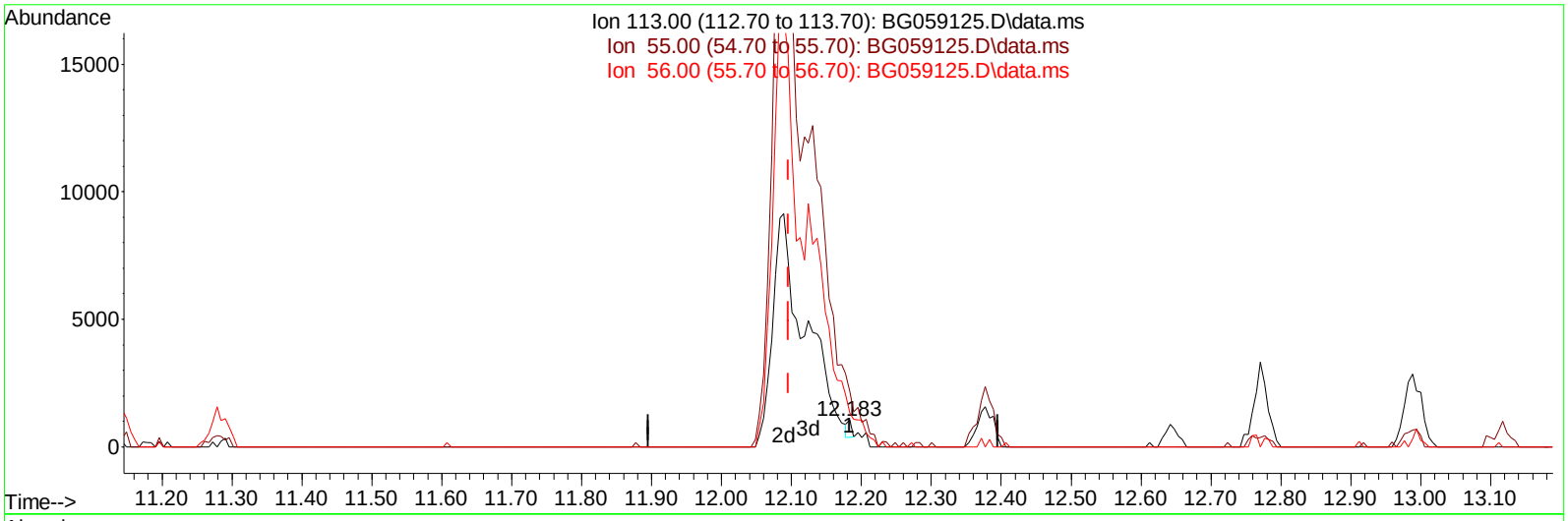

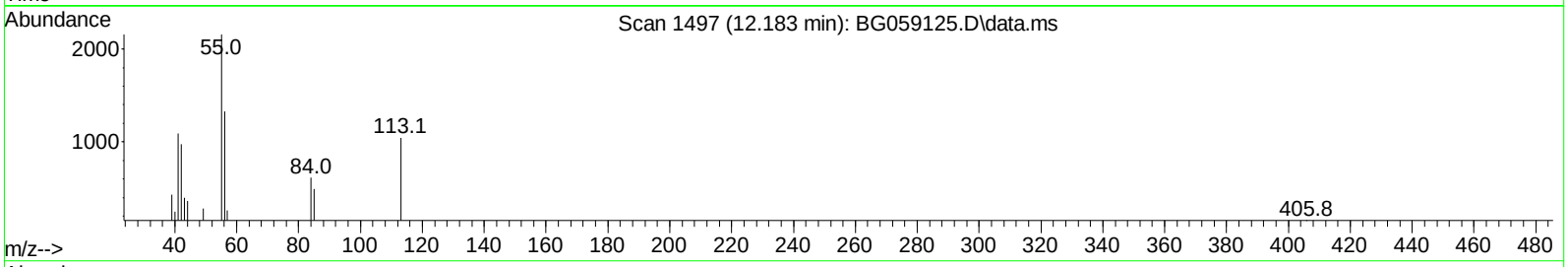

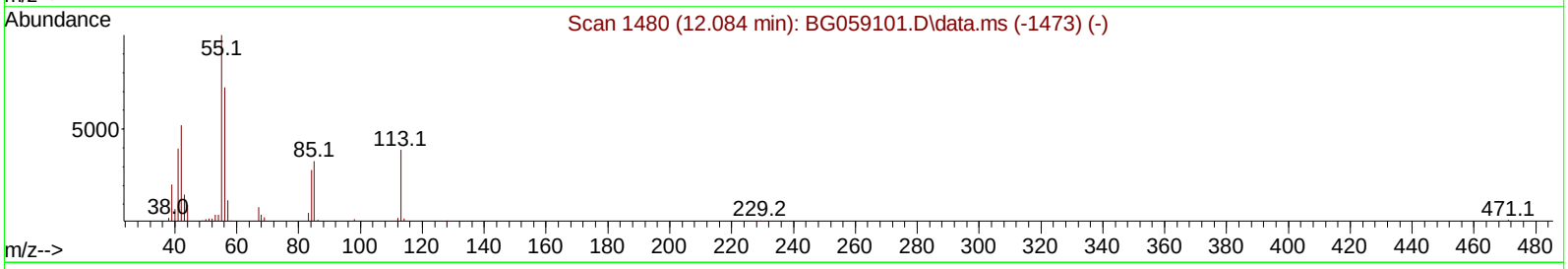

TIC: BG059125.D\data.ms

(34) Caprolactam

12.183min (+ 0.088) 0.27 ng/ul

response 241

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.00	206.21
56.00	140.40	127.25
0.00	0.00	0.00

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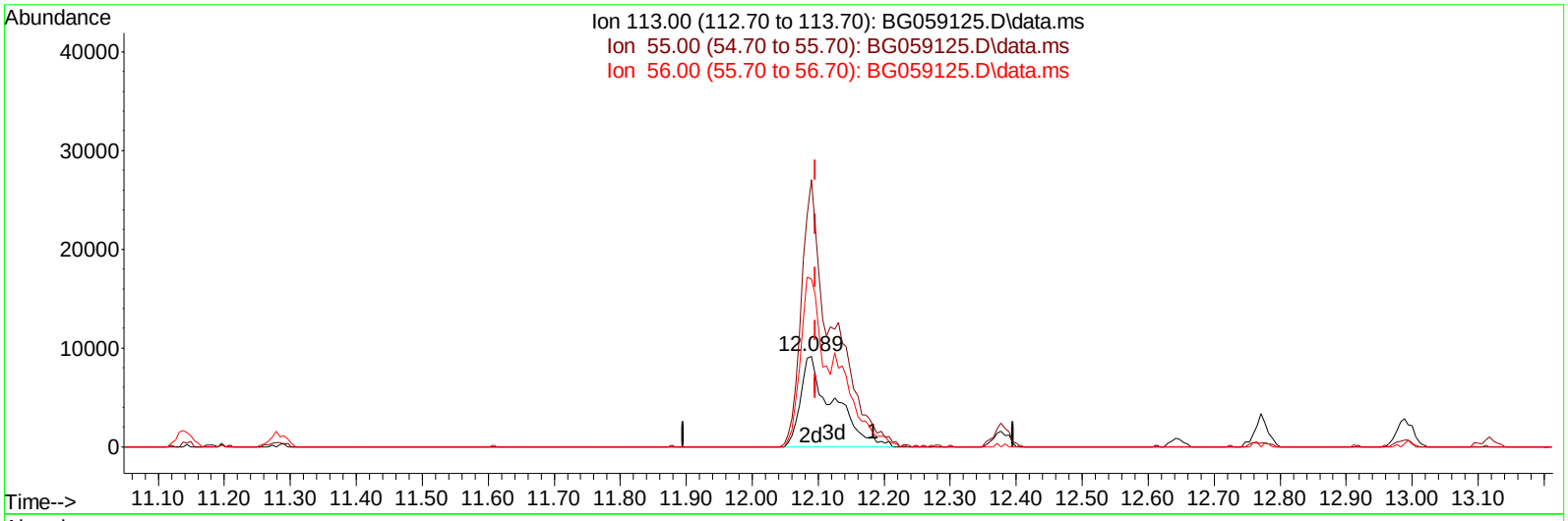

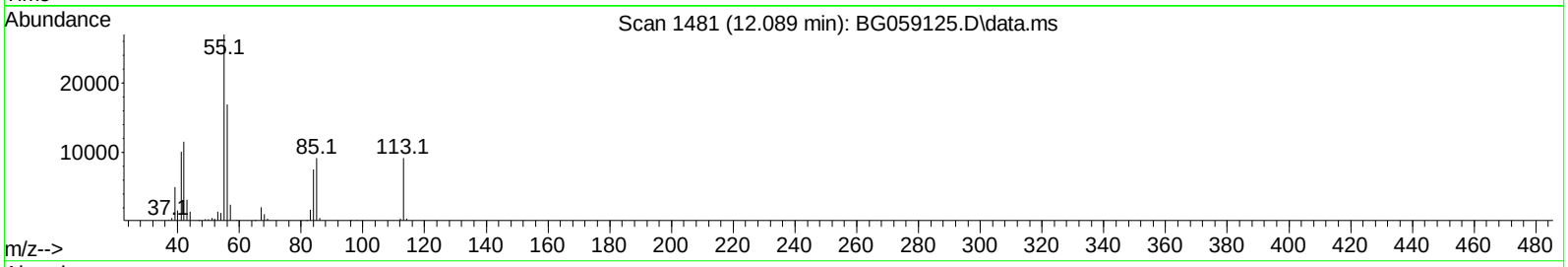

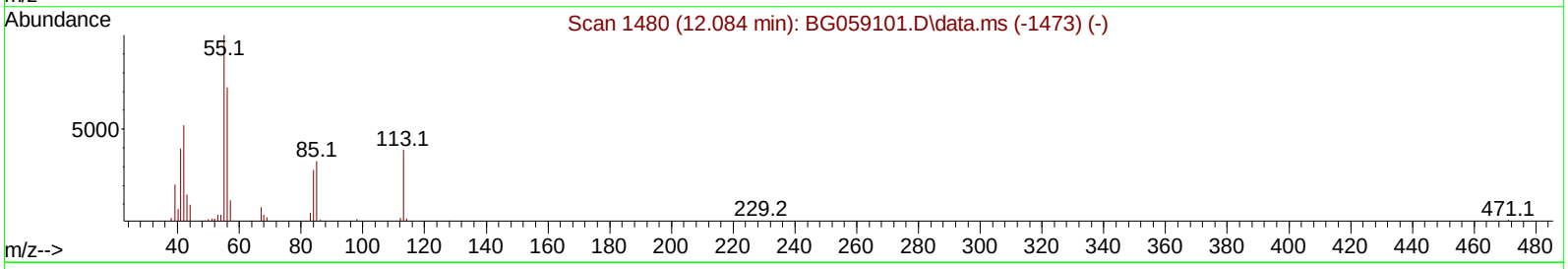

TIC: BG059125.D\data.ms

(34) Caprolactam

12.089min (-0.006) 35.43 ng/ul m

response 31681

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.00	295.46#
56.00	140.40	185.38#
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	8.300	152	31515	20.000	ng/ul	0.00
20) Naphthalene-d8	11.143	136	163201	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.927	164	101096	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.677	188	227541	20.000	ng/ul	0.00
79) Chrysene-d12	21.995	240	193638	20.000	ng/ul	0.00
88) Perylene-d12	25.544	264	224868	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	4984	6.190	ng/uL	0.00
4) Pyridine-d5	4.034	84	79489	33.652	ng/ul	-0.01
7) Phenol-d5	7.412	99	127867	41.263	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.618	67	73185	38.485	ng/ul	0.00
11) 2-Chlorophenol-d4	7.812	132	86779	37.948	ng/ul	0.00
15) 4-Methylphenol-d8	8.981	113	94168	38.156	ng/ul	0.00
21) Nitrobenzene-d5	9.492	128	46837	37.192	ng/ul	0.00
24) 2-Nitrophenol-d4	10.209	143	51306	40.329	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.738	165	93725	38.806	ng/ul	0.00
31) 4-Chloroaniline-d4	11.284	131	134148	35.587	ng/ul	0.00
46) Dimethylphthalate-d6	14.322	166	284385	36.577	ng/ul	0.00
49) Acenaphthylene-d8	14.628	160	349101	36.876	ng/ul	0.00
54) 4-Nitrophenol-d4	15.103	143	52826	37.240	ng/ul	0.00
60) Fluorene-d10	15.914	176	265503	37.306	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.020	200	51792	40.036	ng/ul	0.00
73) Anthracene-d10	17.777	188	388256	37.501	ng/ul	0.00
81) Pyrene-d10	20.051	212	418408	36.968	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.297	264	423404	38.561	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.646	88	11231	12.336	ng/uL#	77
5) Pyridine	4.058	79	73144	30.389	ng/ul	95
6) Benzaldehyde	7.442	77	56142	34.940	ng/ul	92
8) Phenol	7.442	94	124340	39.038	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.712	93	97810	38.249	ng/ul	94
12) 2-Chlorophenol	7.847	128	94897	40.673	ng/ul	97
13) 2-Methylphenol	8.717	108	91505	38.712	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.799	45	212619m	40.046	ng/ul	
16) Acetophenone	9.140	105	147012	38.692	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.105	70	74940	39.016	ng/ul	95
18) 4-Methylphenol	9.052	108	100584	39.708	ng/ul	92
19) Hexachloroethane	9.381	117	35912	39.149	ng/ul	96
22) Nitrobenzene	9.539	77	108118	37.913	ng/ul	97
23) Isophorone	10.045	82	229305	37.497	ng/ul	99
25) 2-Nitrophenol	10.250	139	53837	37.868	ng/ul	95
26) 2,4-Dimethylphenol	10.268	107	86488	32.538	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.526	93	145785	38.319	ng/ul	98
29) 2,4-Dichlorophenol	10.767	162	95306	39.036	ng/ul	96
30) Naphthalene	11.190	128	329502	37.731	ng/ul	100
32) 4-Chloroaniline	11.308	127	125307	33.769	ng/ul	97
33) Hexachlorobutadiene	11.425	225	61123	38.896	ng/ul#	88
34) Caprolactam	12.089	113	31681m	35.433	ng/ul	
35) 4-Chloro-3-methylphenol	12.377	107	97338	37.850	ng/ul	95

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.771	142	217657	37.317	ng/ul	99
37) 1-Methylnaphthalene	12.988	142	209691	35.590	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.112	216	114358	38.585	ng/ul	98
40) Hexachlorocyclopentadiene	13.071	237	65103	34.455	ng/ul	96
41) 2,4,6-Trichlorophenol	13.353	196	75954	39.245	ng/ul	91
42) 2,4,5-Trichlorophenol	13.423	196	82646	39.478	ng/ul	99
43) 1,1'-Biphenyl	13.764	154	312268	38.698	ng/ul	95
44) 2-Chloronaphthalene	13.817	162	235903	38.287	ng/ul	95
45) 2-Nitroaniline	14.028	65	76700	39.271	ng/ul	96
47) Dimethylphthalate	14.369	163	301734	37.996	ng/ul	98
48) 2,6-Dinitrotoluene	14.510	165	60371	41.139	ng/ul	88
50) Acenaphthylene	14.657	152	383215	37.897	ng/ul	99
51) 3-Nitroaniline	14.851	138	60056	37.090	ng/ul	97
52) Acenaphthene	14.992	153	260140	37.936	ng/ul	99
53) 2,4-Dinitrophenol	15.045	184	36057	40.778	ng/ul#	87
55) 4-Nitrophenol	15.115	109	36805	39.259	ng/ul	89
56) Dibenzofuran	15.321	168	352594	38.766	ng/ul	99
57) 2,4-Dinitrotoluene	15.291	165	84437	39.911	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.532	232	77053	39.763	ng/ul#	88
59) Diethylphthalate	15.714	149	286908	36.665	ng/ul	99
61) Fluorene	15.973	166	297117	38.257	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.950	204	149806	38.865	ng/ul	95
63) 4-Nitroaniline	16.014	138	60283	40.163	ng/ul#	87
66) 4,6-Dinitro-2-methylph...	16.038	198	57846	41.487	ng/ul	99
67) N-Nitrosodiphenylamine	16.173	169	239111	39.470	ng/ul	95
68) 4-Bromophenyl-phenylether	16.848	248	90958	41.087	ng/ul	98
69) Hexachlorobenzene	16.942	284	96622	38.104	ng/ul	97
70) Atrazine	17.107	200	86962	36.077	ng/ul	98
71) Pentachlorophenol	17.295	266	68823	41.784	ng/ul	93
72) Phenanthrene	17.718	178	487158	38.258	ng/ul	98
74) Anthracene	17.812	178	497597	38.245	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.723	216	112450	37.069	ng/uL	93
76) Pentachlorobenzene	15.215	250	108024	38.498	ng/uL	99
77) Carbazole	18.088	167	415319	38.395	ng/ul	100
78) Di-n-butylphthalate	18.593	149	503145	37.757	ng/ul	98
80) Fluoranthene	19.716	202	547614	38.827	ng/ul	97
82) Pyrene	20.080	202	567370	38.566	ng/ul	98
83) Butylbenzylphthalate	20.938	149	204724	38.525	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.884	252	177906	38.020	ng/ul	98
85) Benzo(a)anthracene	21.972	228	536781	38.182	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.807	149	320455	40.305	ng/ul#	99
87) Chrysene	22.048	228	500408	38.168	ng/ul	99
89) Di-n-octyl phthalate	23.129	149	539011	39.207	ng/ul	100
90) Benzo(b)fluoranthene	24.393	252	548298	40.015	ng/ul	98
91) Benzo(k)fluoranthene	24.475	252	564912	39.764	ng/ul	98
93) Benzo(a)pyrene	25.374	252	518016	39.337	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.645	276	585779	39.112	ng/ul	98
95) Dibenzo(a,h)anthracene	29.739	278	483491	40.171	ng/ul	97
96) Benzo(g,h,i)perylene	30.961	276	477717	39.597	ng/ul	95

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

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