Quantitation Report (Qedit)

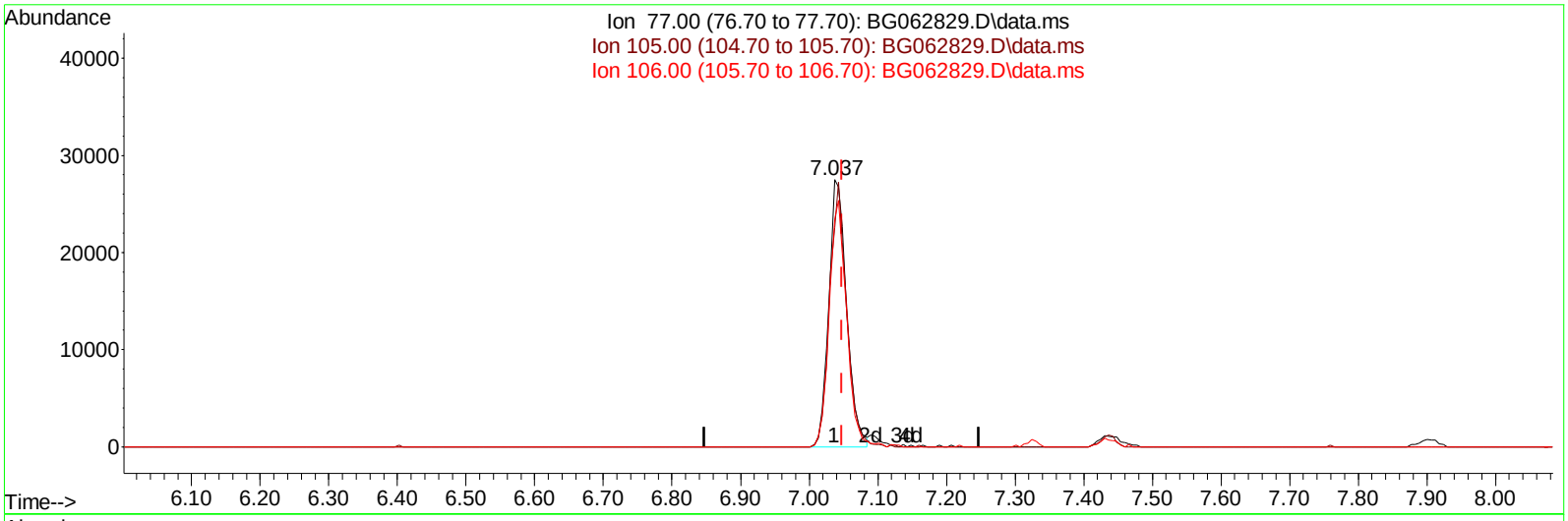
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062829.D
Acq On : 15 Sep 2024 2:33
Operator : JU/RC
Sample : PB163390BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

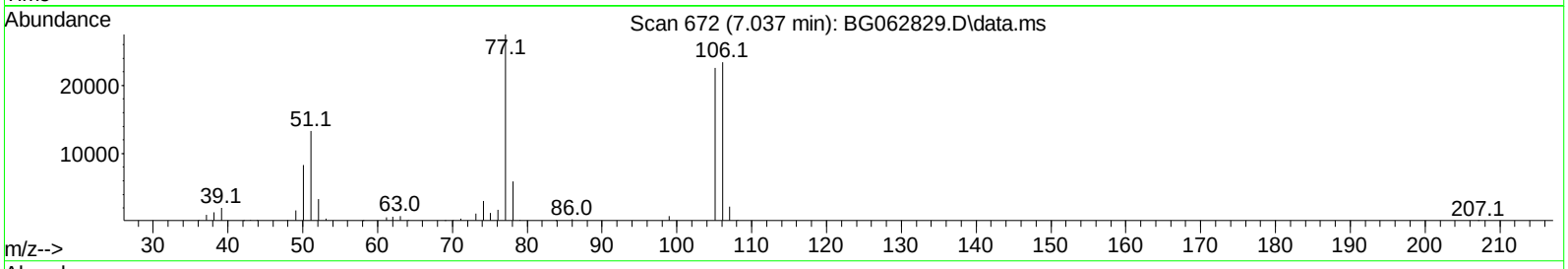
Quant Time: Sep 15 03:20:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

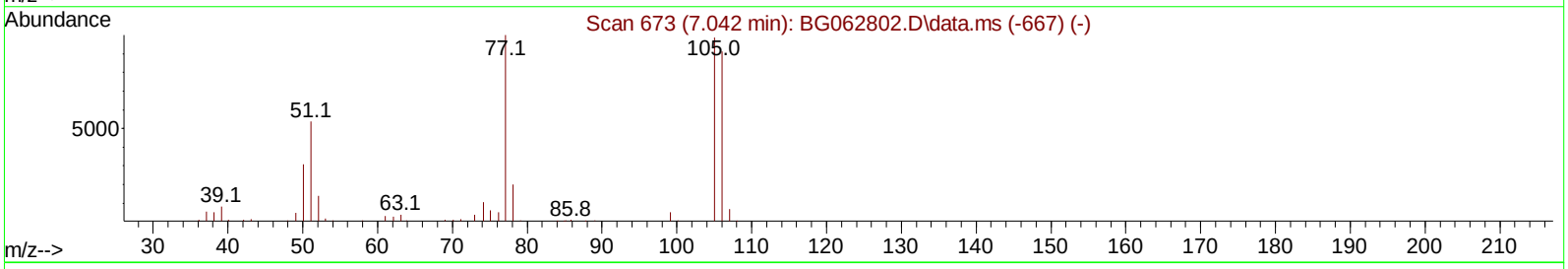
Instrument :
BNA_G
ClientSampleId :
SLCS390

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024







TIC: BG062829.D\data.ms

(6) Benzaldehyde

7.037min (-0.011) 26.08 ng/ul

response 49543

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.70	82.16
106.00	86.30	85.24
0.00	0.00	0.00

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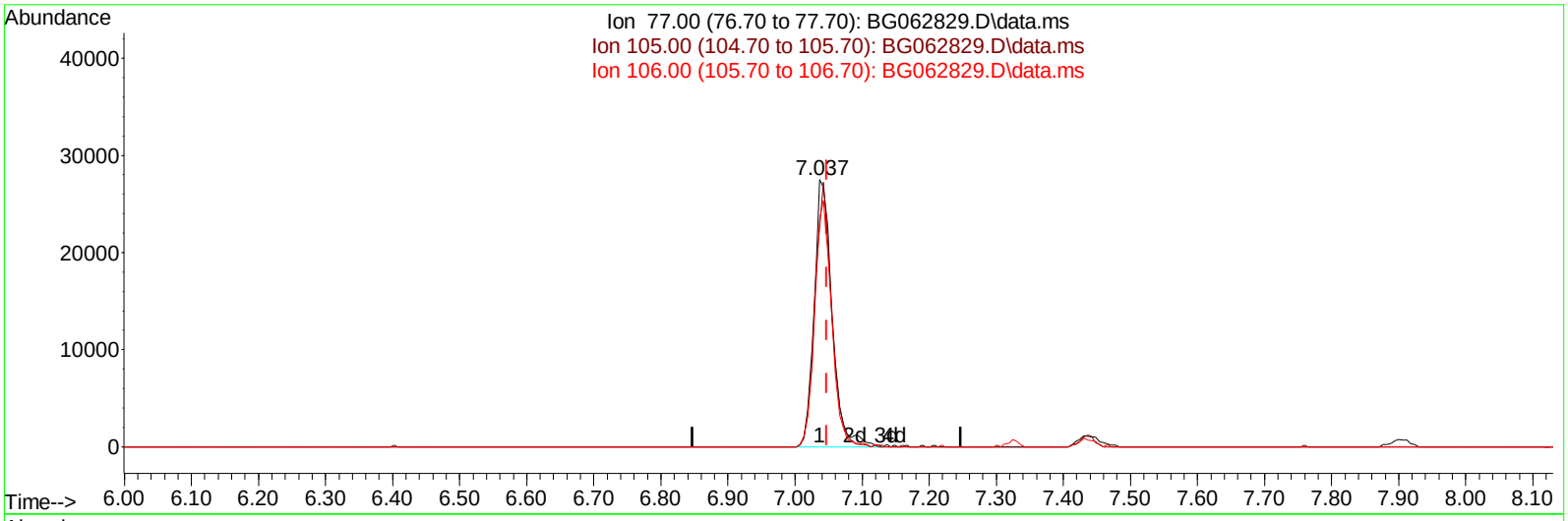

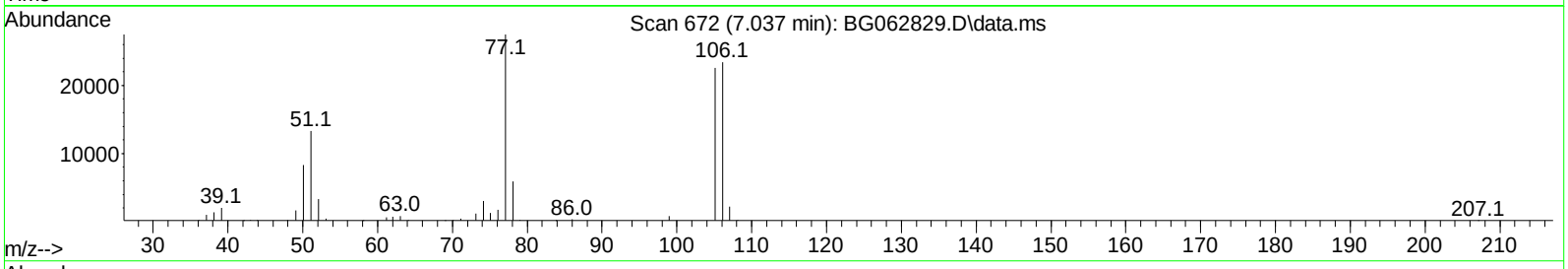

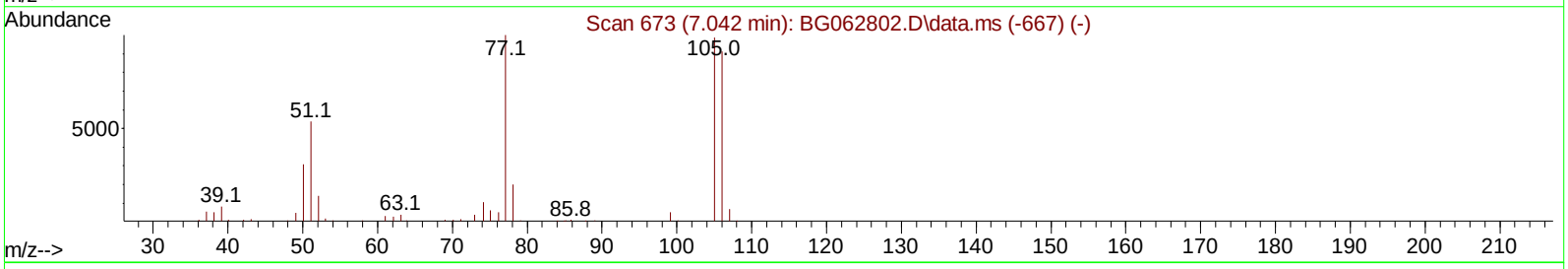

TIC: BG062829.D\data.ms

(6) Benzaldehyde

7.037min (-0.011) 26.82 ng/ul m

response 50960

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.70	82.16
106.00	86.30	85.24
0.00	0.00	0.00

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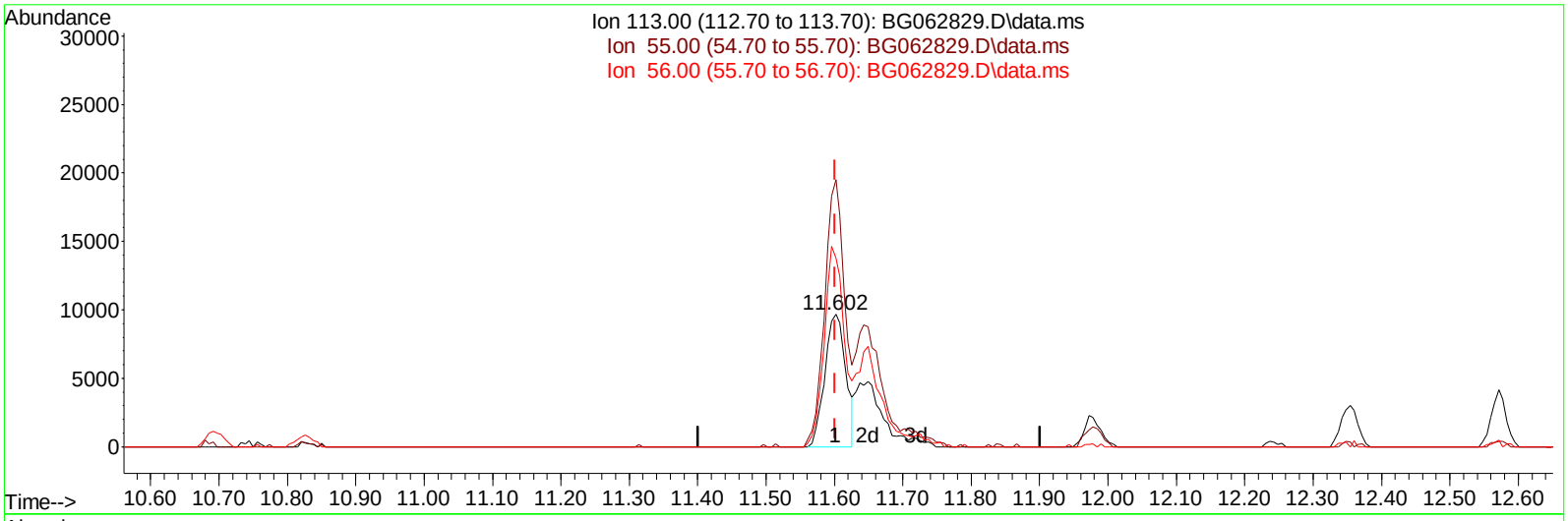

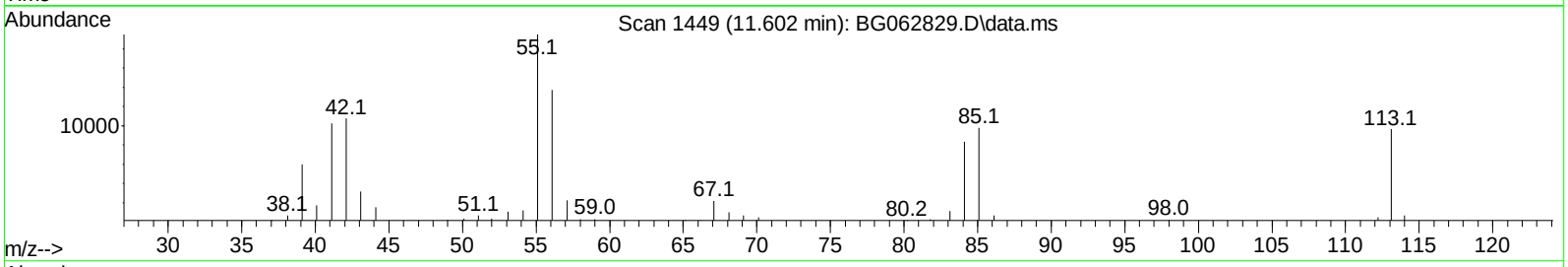

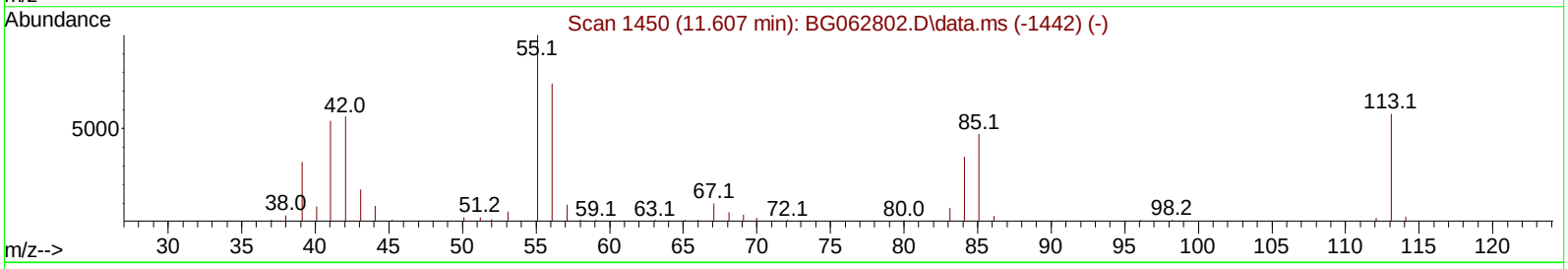

TIC: BG062829.D\data.ms

(34) Caprolactam

11.602min (+ 0.001) 20.15 ng/ul

response 20634

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	201.82
56.00	156.30	142.38
0.00	0.00	0.00

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ALS Vial : 16 Sample Multiplier: 1

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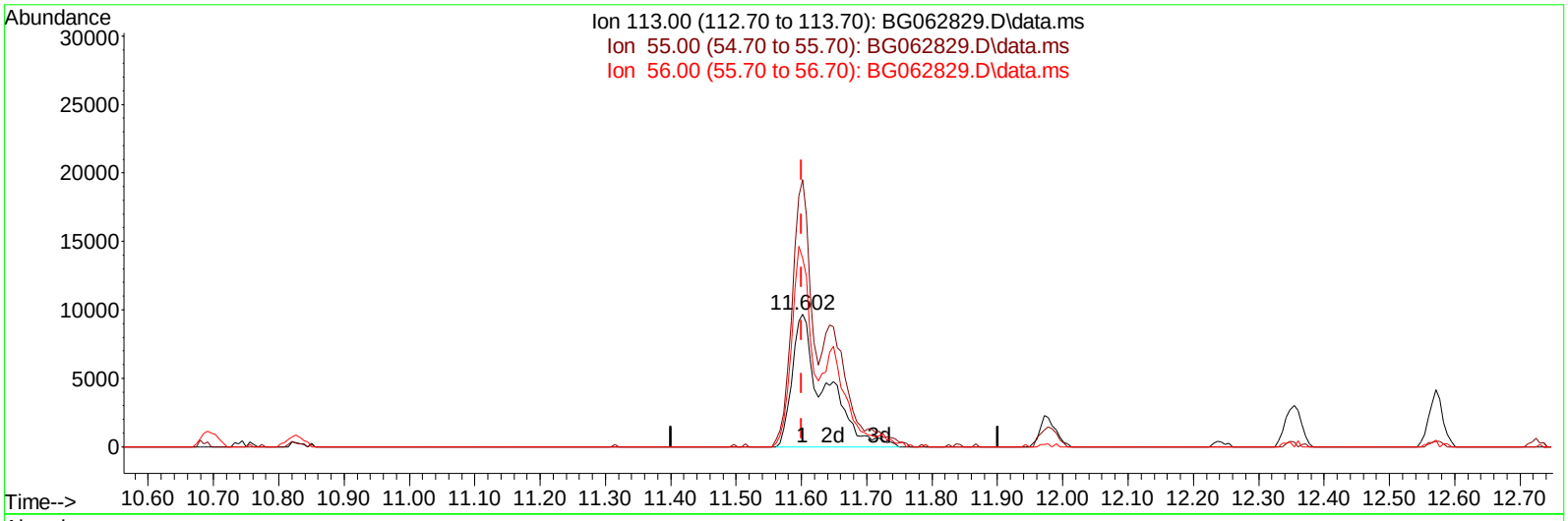

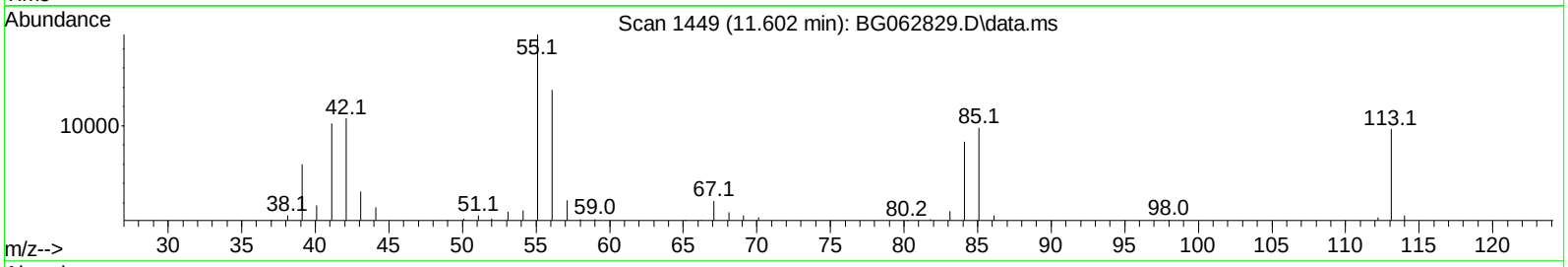

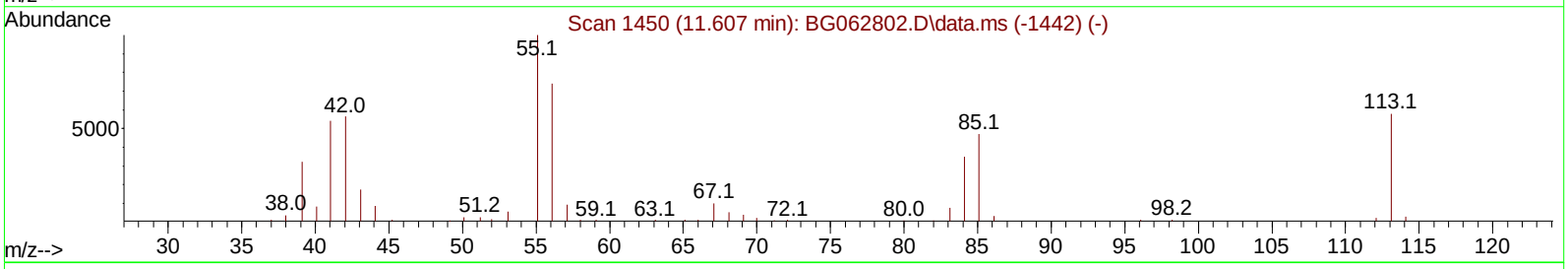

TIC: BG062829.D\data.ms

(34) Caprolactam

11.602min (+ 0.001) 33.21 ng/ul m

response 34017

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	201.82
56.00	156.30	142.38
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 15 Sep 2024 2:33
Operator : JU/RC
Sample : PB163390BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 15 03:20:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/16/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	39407	20.000	ng/ul	0.00
20) Naphthalene-d8	10.697	136	165741	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	136831	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.278	188	362904	20.000	ng/ul	0.00
79) Chrysene-d12	21.520	240	412323	20.000	ng/ul	0.00
88) Perylene-d12	24.587	264	453904	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.359	96	5671	6.505	ng/uL	0.00
4) Pyridine-d5	3.764	84	70171	25.287	ng/ul	0.00
7) Phenol-d5	7.072	99	107843	31.209	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.231	67	61811	29.835	ng/ul	0.00
11) 2-Chlorophenol-d4	7.436	132	81063	32.206	ng/ul	0.00
15) 4-Methylphenol-d8	8.606	113	94255	32.732	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	41624	35.138	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	51645	39.865	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.315	165	98462	34.899	ng/ul	0.00
31) 4-Chloroaniline-d4	10.826	131	106698	27.513	ng/ul	0.00
46) Dimethylphthalate-d6	13.935	166	343403	32.590	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	382375	32.675	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	62422	34.873	ng/ul	0.00
60) Fluorene-d10	15.521	176	317500	33.438	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	75869	36.345	ng/ul	0.00
73) Anthracene-d10	17.372	188	568298	33.182	ng/ul	0.00
81) Pyrene-d10	19.663	212	751654	32.395	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.375	264	803107	33.508	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.394	88	9212	9.428	ng/uL#	89
5) Pyridine	3.788	79	75753	26.027	ng/ul	97
6) Benzaldehyde	7.037	77	50960m	26.823	ng/ul	
8) Phenol	7.096	94	109314	30.432	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.325	93	81998	30.197	ng/ul	98
12) 2-Chlorophenol	7.472	128	84218	32.724	ng/ul	95
13) 2-Methylphenol	8.341	108	85673	31.806	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.423	45	145085	29.685	ng/ul#	94
16) Acetophenone	8.717	105	146077	31.212	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.705	70	76859	31.371	ng/ul#	91
18) 4-Methylphenol	8.670	108	97319	32.114	ng/ul	98
19) Hexachloroethane	8.982	117	36382	35.117	ng/ul	93
22) Nitrobenzene	9.099	77	109449	34.154	ng/ul	97
23) Isophorone	9.622	82	221704	33.839	ng/ul	97
25) 2-Nitrophenol	9.810	139	54470	38.148	ng/ul	96
26) 2,4-Dimethylphenol	9.869	107	86256	28.271	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.104	93	121242	33.112	ng/ul	97
29) 2,4-Dichlorophenol	10.345	162	94685	34.074	ng/ul	97
30) Naphthalene	10.744	128	280359	31.548	ng/ul	100
32) 4-Chloroaniline	10.850	127	97471	25.272	ng/ul	99
33) Hexachlorobutadiene	11.032	225	81738	35.309	ng/ul	95
34) Caprolactam	11.602	113	34017m	33.215	ng/ul	
35) 4-Chloro-3-methylphenol	11.978	107	104921	34.613	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	12.354	142	215731	32.892	ng/ul	97
37) 1-Methylnaphthalene	12.571	142	216840	32.276	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.724	216	158864	33.772	ng/ul	97
40) Hexachlorocyclopentadiene	12.701	237	73163	30.396	ng/ul	94
41) 2,4,6-Trichlorophenol	12.959	196	87284	30.633	ng/ul	98
42) 2,4,5-Trichlorophenol	13.036	196	103180	33.728	ng/ul	92
43) 1,1'-Biphenyl	13.365	154	306162	31.819	ng/ul	99
44) 2-Chloronaphthalene	13.406	162	255207	32.617	ng/ul	98
45) 2-Nitroaniline	13.606	65	75603	35.213	ng/ul	97
47) Dimethylphthalate	13.982	163	351220	32.366	ng/ul	99
48) 2,6-Dinitrotoluene	14.099	165	70091	36.663	ng/ul	97
50) Acenaphthylene	14.252	152	417421	33.786	ng/ul	99
51) 3-Nitroaniline	14.434	138	68961	36.029	ng/ul	95
52) Acenaphthene	14.593	153	274681	31.387	ng/ul	97
53) 2,4-Dinitrophenol	14.640	184	43124	34.161	ng/ul	93
55) 4-Nitrophenol	14.745	109	57934	36.006	ng/ul	96
56) Dibenzofuran	14.928	168	411998	31.690	ng/ul	100
57) 2,4-Dinitrotoluene	14.892	165	106999	35.797	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.157	232	87344	28.173	ng/ul	97
59) Diethylphthalate	15.351	149	344119	32.146	ng/ul	100
61) Fluorene	15.580	166	330139	32.326	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.574	204	198631	33.157	ng/ul	99
63) 4-Nitroaniline	15.597	138	78007	37.873	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.656	198	77385	35.763	ng/ul	95
67) N-Nitrosodiphenylamine	15.785	169	299095	32.136	ng/ul	99
68) 4-Bromophenyl-phenylether	16.467	248	138726	33.220	ng/ul	97
69) Hexachlorobenzene	16.584	284	157458	33.024	ng/ul#	89
70) Atrazine	16.731	200	3391	0.818	ng/ul	95
71) Pentachlorophenol	16.925	266	65070	22.816	ng/ul	92
72) Phenanthrene	17.319	178	624098	33.070	ng/ul	99
74) Anthracene	17.407	178	621441	32.301	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.329	216	161435	32.574	ng/ul	96
76) Pentachlorobenzene	14.851	250	171194	31.172	ng/ul	99
77) Carbazole	17.677	167	549153	34.420	ng/ul	98
78) Di-n-butylphthalate	18.241	149	642450	34.049	ng/ul	99
80) Fluoranthene	19.328	202	836924	32.568	ng/ul	100
82) Pyrene	19.693	202	873233	31.568	ng/ul	100
83) Butylbenzylphthalate	20.586	149	293681	35.764	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.420	252	305961	35.246	ng/ul	98
85) Benzo(a)anthracene	21.502	228	966948	33.718	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.420	149	431066	35.651	ng/ul	99
87) Chrysene	21.567	228	896484	32.951	ng/ul	99
89) Di-n-octyl phthalate	22.577	149	751033	35.571	ng/ul	100
90) Benzo(b)fluoranthene	23.617	252	947886	33.824	ng/ul	100
91) Benzo(k)fluoranthene	23.682	252	961591	33.510	ng/ul	98
93) Benzo(a)pyrene	24.446	252	857423	32.438	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.042	276	1134198	34.826	ng/ul	97
95) Dibenzo(a,h)anthracene	28.100	278	935586	35.765	ng/ul	99
96) Benzo(g,h,i)perylene	29.117	276	887709	35.293	ng/ul	98

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

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