Quantitation Report (Qedit)

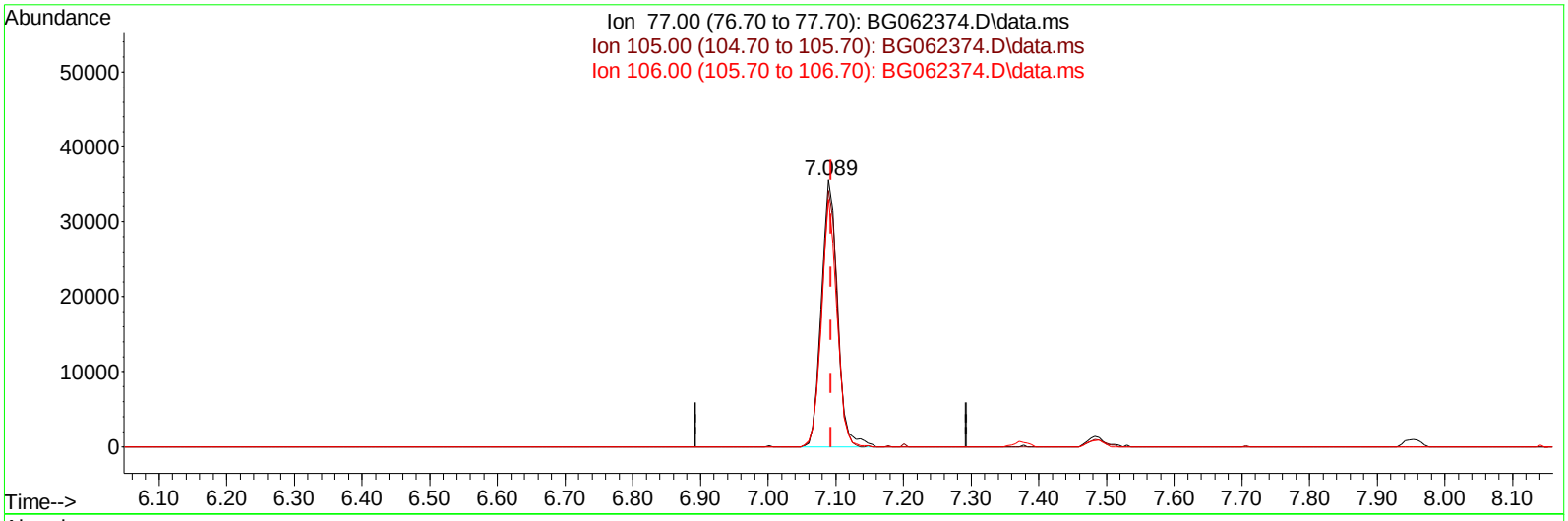
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081224\
Data File : BG062374.D
Acq On : 12 Aug 2024 20:03
Operator : MA/JU
Sample : PB162636BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

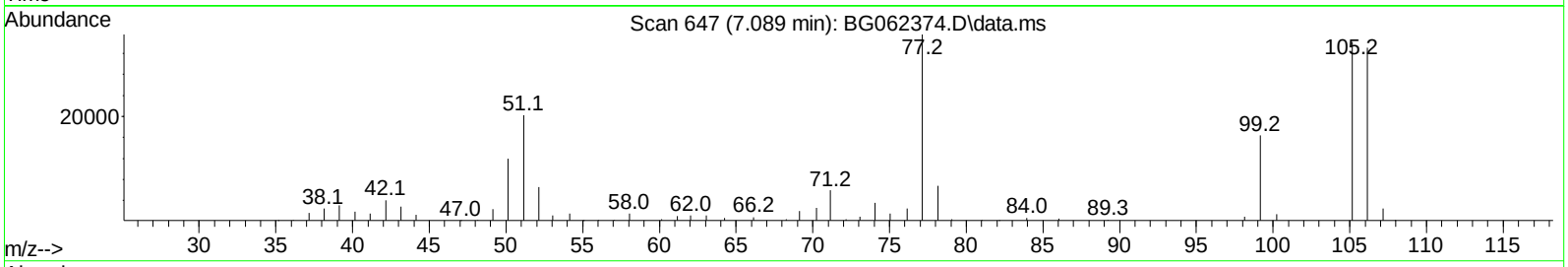
Quant Time: Aug 12 22:55:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 01:00:03 2024
Response via : Initial Calibration

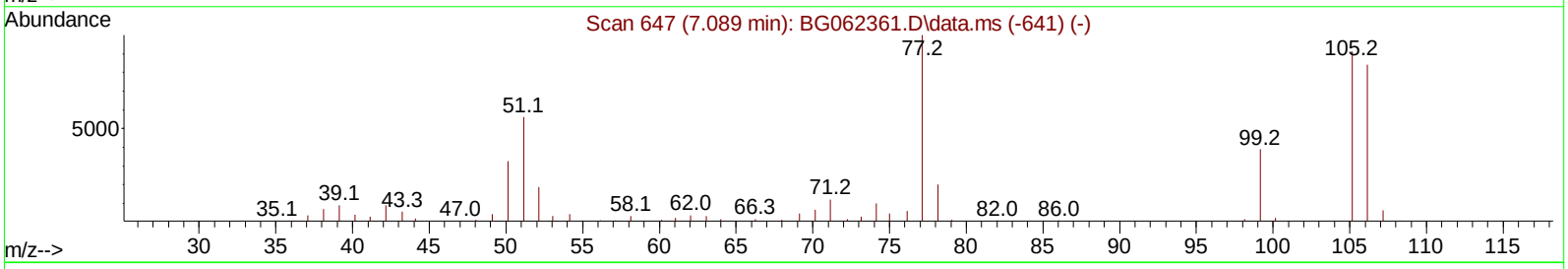
Instrument :
BNA_G
ClientSampleId :
SLCS636

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024







TIC: BG062374.D\data.ms

(6) Benzaldehyde

7.089min (-0.004) 27.88 ng/ul

response 58957

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	96.11
106.00	91.40	92.81
0.00	0.00	0.00

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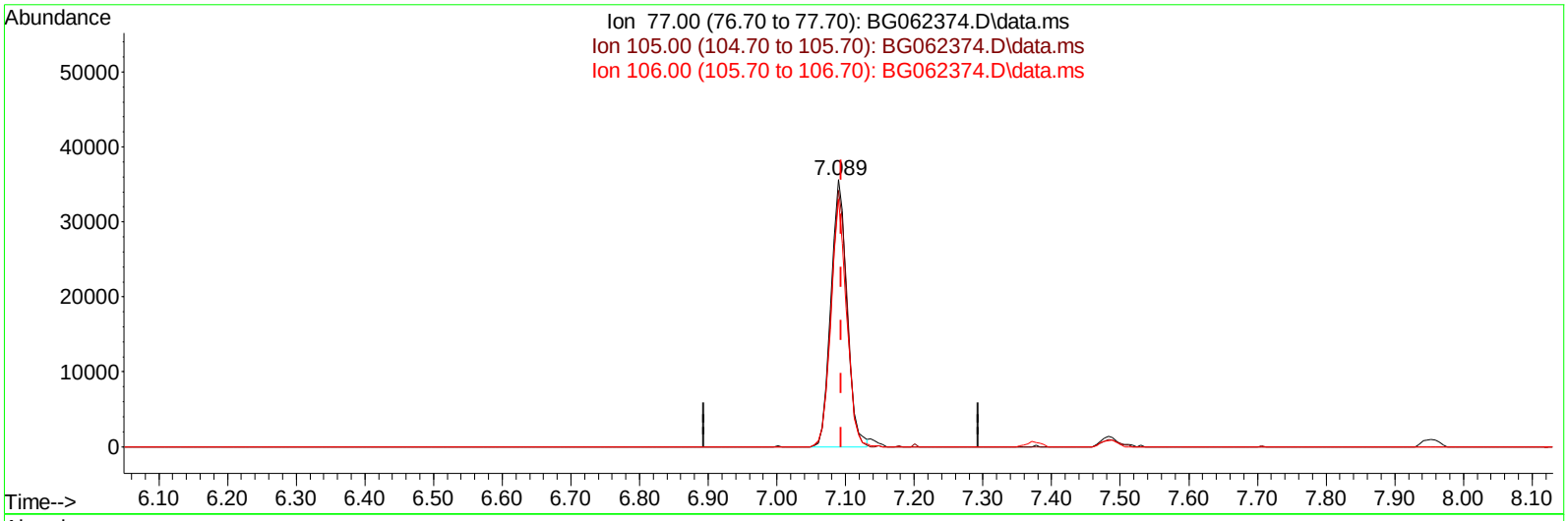

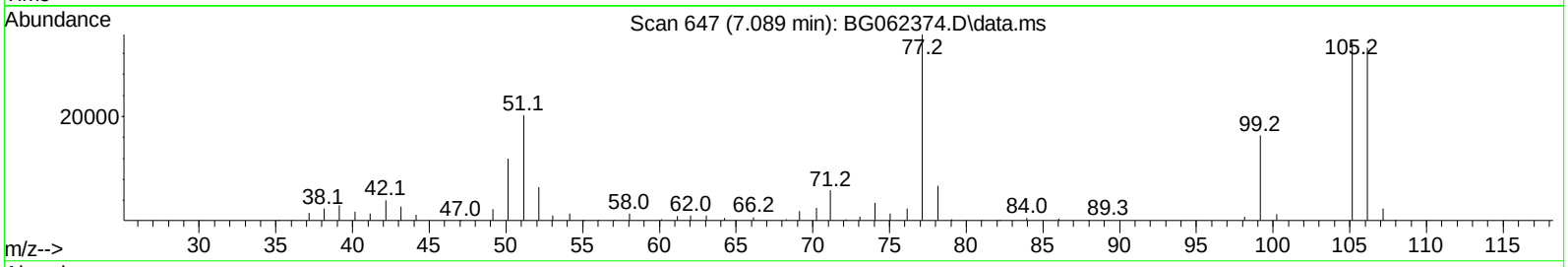

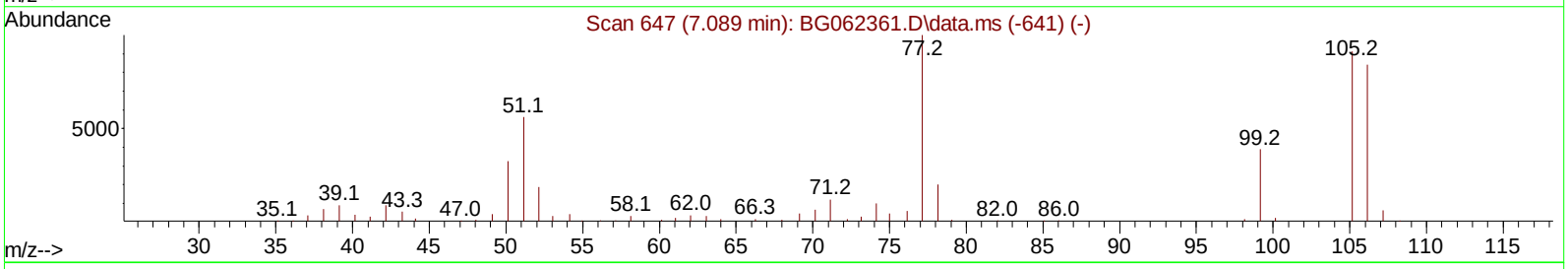

TIC: BG062374.D\data.ms

(6) Benzaldehyde

7.089min (-0.004) 27.44 ng/ul m

response 58029

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	96.11
106.00	91.40	92.81
0.00	0.00	0.00

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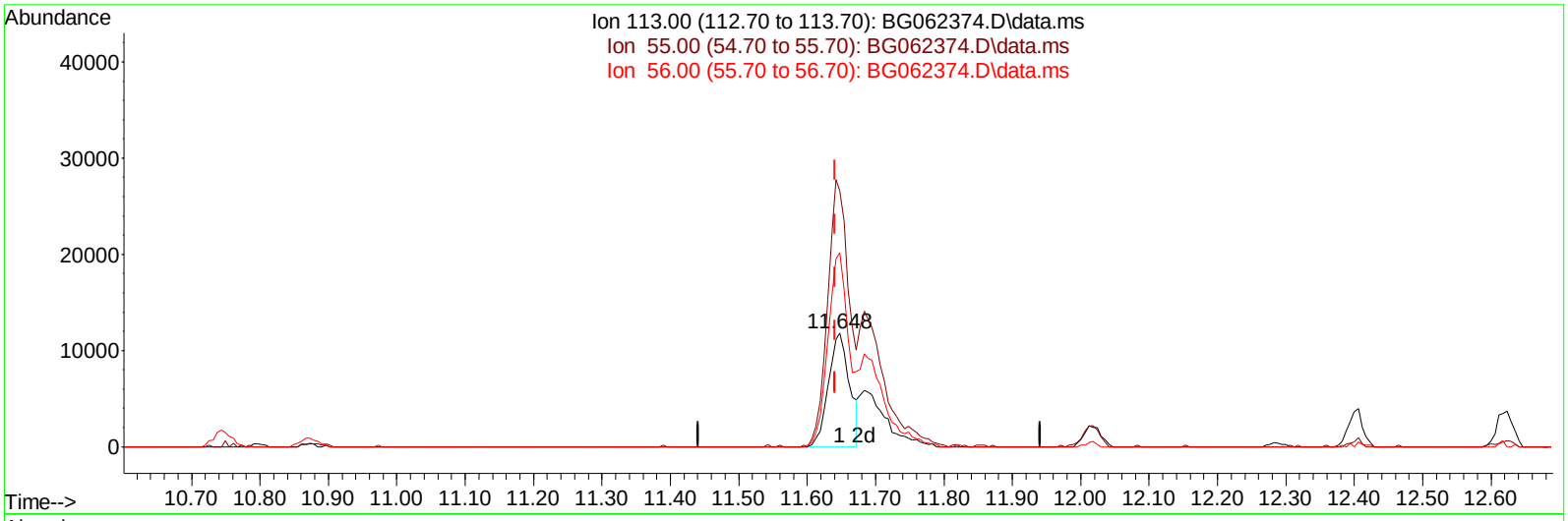

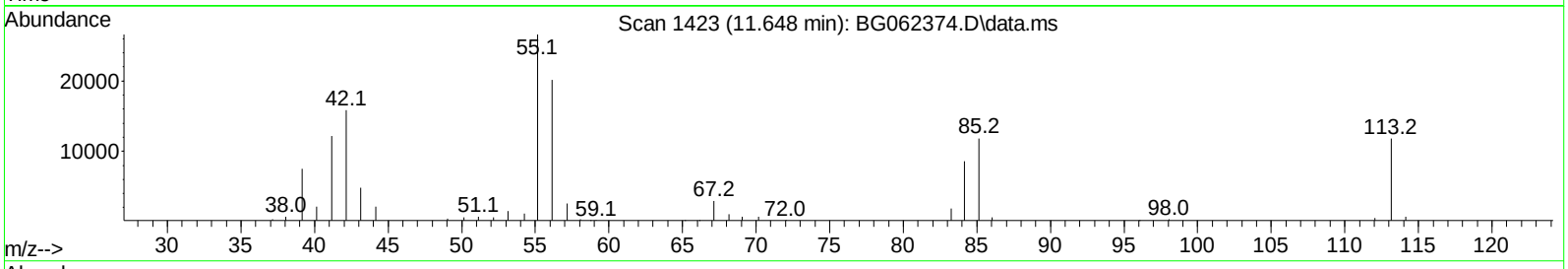

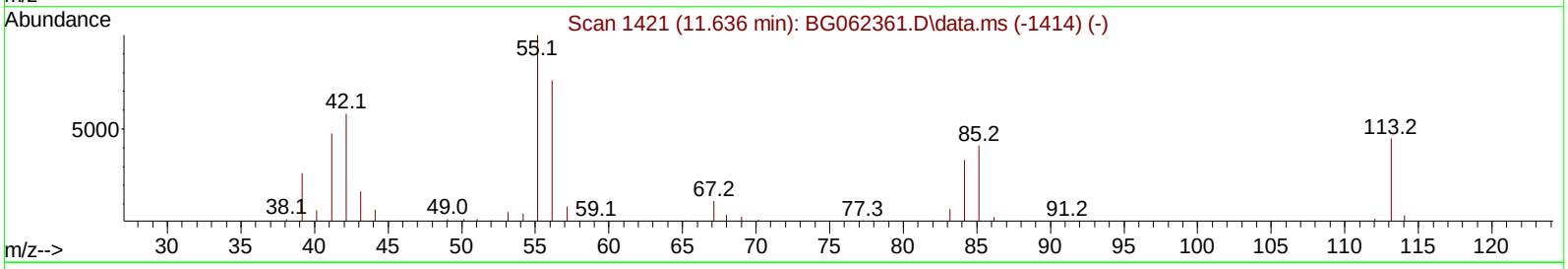

TIC: BG062374.D\data.ms

(34) Caprolactam

11.648min (+ 0.007) 20.66 ng/ul

response 25188

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	225.33
56.00	156.80	171.05
0.00	0.00	0.00

Quantitation Report (Qedit)

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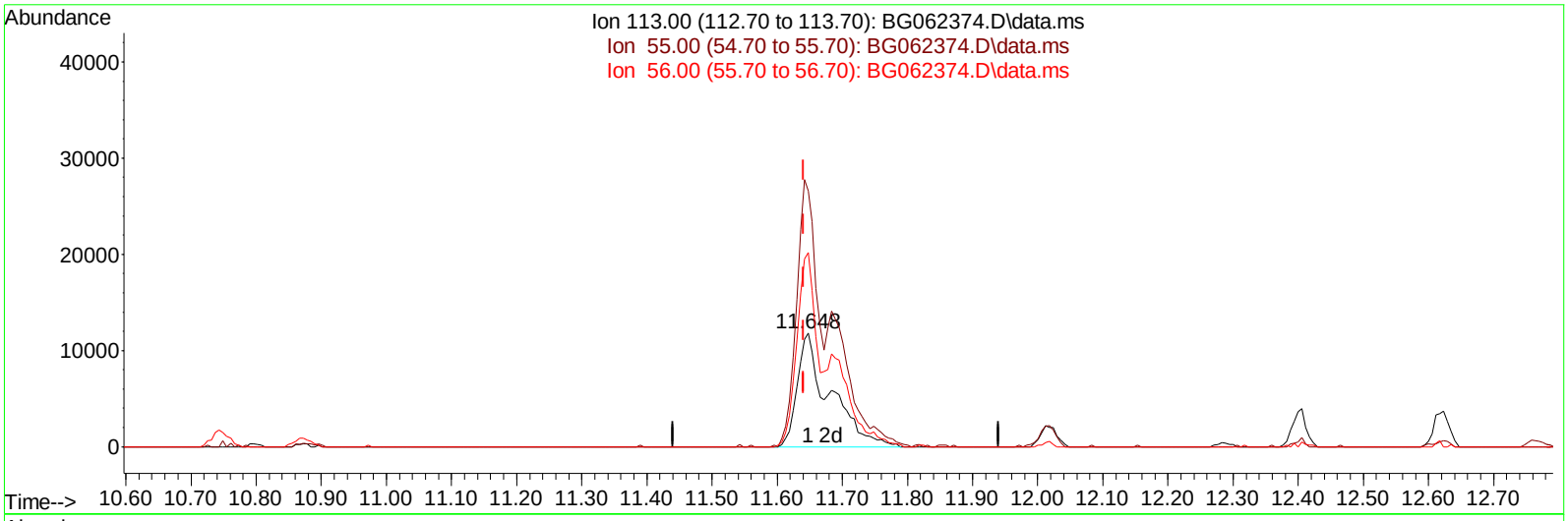

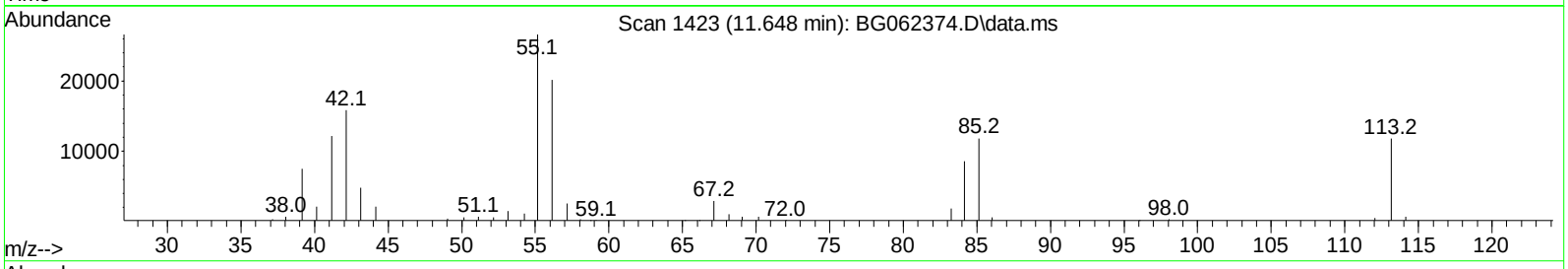

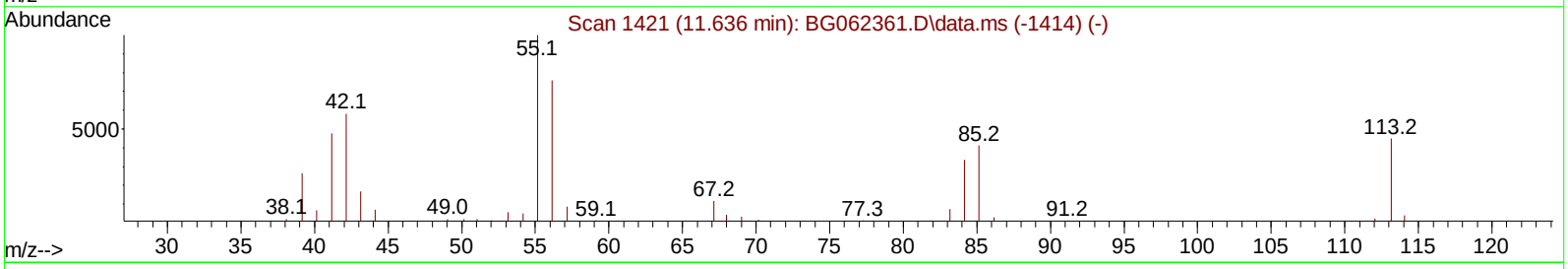

TIC: BG062374.D\data.ms

(34) Caprolactam

11.648min (+ 0.007) 33.69 ng/ul m

response 41074

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	225.33
56.00	156.80	171.05
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	41923	20.000	ng/ul	0.00
20) Naphthalene-d8	10.749	136	204102	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.573	164	176297	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.311	188	422072	20.000	ng/ul	0.00
79) Chrysene-d12	21.552	240	426264	20.000	ng/ul	0.00
88) Perylene-d12	24.636	264	477302	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.418	96	5928	6.097	ng/uL	0.00
4) Pyridine-d5	3.817	84	80440	26.299	ng/ul	-0.01
7) Phenol-d5	7.107	99	114972	28.733	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.283	67	67521	27.412	ng/ul	0.00
11) 2-Chlorophenol-d4	7.483	132	78029	27.217	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	95157	28.550	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	40637	32.289	ng/ul	0.00
24) 2-Nitrophenol-d4	9.827	143	43753	36.956	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.361	165	100305	29.170	ng/ul	0.00
31) 4-Chloroaniline-d4	10.873	131	129280	25.922	ng/ul	0.00
46) Dimethylphthalate-d6	13.980	166	370307	27.225	ng/ul	0.00
49) Acenaphthylene-d8	14.262	160	410161	26.595	ng/ul	0.00
54) 4-Nitrophenol-d4	14.756	143	64557	33.901	ng/ul	0.00
60) Fluorene-d10	15.566	176	340440	27.884	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.672	200	54016	43.213	ng/ul	0.00
73) Anthracene-d10	17.411	188	547775	26.908	ng/ul	0.00
81) Pyrene-d10	19.690	212	692075	27.316	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.431	264	696642	27.303	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.447	88	11245	10.245	ng/uL#	87
5) Pyridine	3.841	79	85775	26.979	ng/ul	96
6) Benzaldehyde	7.089	77	58029m	27.441	ng/ul	
8) Phenol	7.136	94	120429	28.523	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.371	93	85402	27.293	ng/ul	98
12) 2-Chlorophenol	7.518	128	85670	28.126	ng/ul	96
13) 2-Methylphenol	8.388	108	90412	28.399	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.482	45	177042	27.692	ng/ul	99
16) Acetophenone	8.769	105	148939	28.060	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.758	70	82190	29.137	ng/ul	98
18) 4-Methylphenol	8.717	108	103230	28.955	ng/ul	92
19) Hexachloroethane	9.040	117	32873	29.041	ng/ul	97
22) Nitrobenzene	9.145	77	110001	30.735	ng/ul	98
23) Isophorone	9.668	82	242714	28.190	ng/ul	99
25) 2-Nitrophenol	9.856	139	51171	35.633	ng/ul	96
26) 2,4-Dimethylphenol	9.915	107	95449	23.221	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.156	93	135194	27.844	ng/ul	99
29) 2,4-Dichlorophenol	10.391	162	99610	28.582	ng/ul	95
30) Naphthalene	10.796	128	312875	26.969	ng/ul	99
32) 4-Chloroaniline	10.902	127	118630	24.336	ng/ul	96
33) Hexachlorobutadiene	11.090	225	69527	26.359	ng/ul	96
34) Caprolactam	11.648	113	41074m	33.694	ng/ul	
35) 4-Chloro-3-methylphenol	12.018	107	125471	32.084	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.400	142	234556	29.346	ng/ul	97
37) 1-Methylnaphthalene	12.617	142	242083	29.234	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.770	216	149929	26.048	ng/ul	97
40) Hexachlorocyclopentadiene	12.752	237	66995	29.950	ng/ul	97
41) 2,4,6-Trichlorophenol	13.005	196	85270	25.543	ng/ul	97
42) 2,4,5-Trichlorophenol	13.075	196	99148	27.566	ng/ul	97
43) 1,1'-Biphenyl	13.410	154	350032	26.206	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	274387	26.437	ng/ul	99
45) 2-Nitroaniline	13.645	65	89788	33.967	ng/ul	94
47) Dimethylphthalate	14.027	163	378556	27.742	ng/ul	100
48) 2,6-Dinitrotoluene	14.145	165	66474	35.679	ng/ul	93
50) Acenaphthylene	14.297	152	457234	27.825	ng/ul	99
51) 3-Nitroaniline	14.468	138	70984	33.468	ng/ul#	95
52) Acenaphthene	14.638	153	319996	26.156	ng/ul	97
53) 2,4-Dinitrophenol	14.667	184	34229	46.205	ng/ul#	81
55) 4-Nitrophenol	14.767	109	56329	33.069	ng/ul	96
56) Dibenzofuran	14.973	168	465301	27.531	ng/ul	100
57) 2,4-Dinitrotoluene	14.926	165	101689	39.789	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.190	232	83979	25.929	ng/ul	96
59) Diethylphthalate	15.396	149	383799	27.855	ng/ul	97
61) Fluorene	15.619	166	369853	27.986	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.613	204	190819	28.006	ng/ul	97
63) 4-Nitroaniline	15.631	138	79431	38.860	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.690	198	60270	41.847	ng/ul	98
67) N-Nitrosodiphenylamine	15.825	169	333100	26.337	ng/ul	98
68) 4-Bromophenyl-phenylether	16.506	248	133599	27.782	ng/ul	96
69) Hexachlorobenzene	16.624	284	151672	27.112	ng/ul	96
70) Atrazine	16.770	200	13499	2.786	ng/ul	94
71) Pentachlorophenol	16.958	266	67330	22.857	ng/ul	98
72) Phenanthrene	17.352	178	648479	27.298	ng/ul	99
74) Anthracene	17.446	178	657348	26.961	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.375	216	155198	24.551	ng/ul	99
76) Pentachlorobenzene	14.891	250	162684	24.600	ng/ul	95
77) Carbazole	17.710	167	563884	28.201	ng/ul	98
78) Di-n-butylphthalate	18.280	149	679173	28.545	ng/ul	100
80) Fluoranthene	19.361	202	794691	27.740	ng/ul	98
82) Pyrene	19.719	202	836460	27.418	ng/ul	99
83) Butylbenzylphthalate	20.618	149	300533	28.543	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.452	252	285534	29.758	ng/ul	100
85) Benzo(a)anthracene	21.535	228	875093	28.032	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.464	149	448767	27.616	ng/ul	99
87) Chrysene	21.599	228	826637	28.050	ng/ul	98
89) Di-n-octyl phthalate	22.639	149	779638	28.675	ng/ul	100
90) Benzo(b)fluoranthene	23.667	252	838396	28.876	ng/ul	99
91) Benzo(k)fluoranthene	23.732	252	855155	28.951	ng/ul	99
93) Benzo(a)pyrene	24.495	252	748928	27.261	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.126	276	993551	27.908	ng/ul	98
95) Dibenzo(a,h)anthracene	28.196	278	827031	28.442	ng/ul	98
96) Benzo(g,h,i)perylene	29.212	276	778279	28.788	ng/ul	98

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

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