Quantitation Report (Qedit)

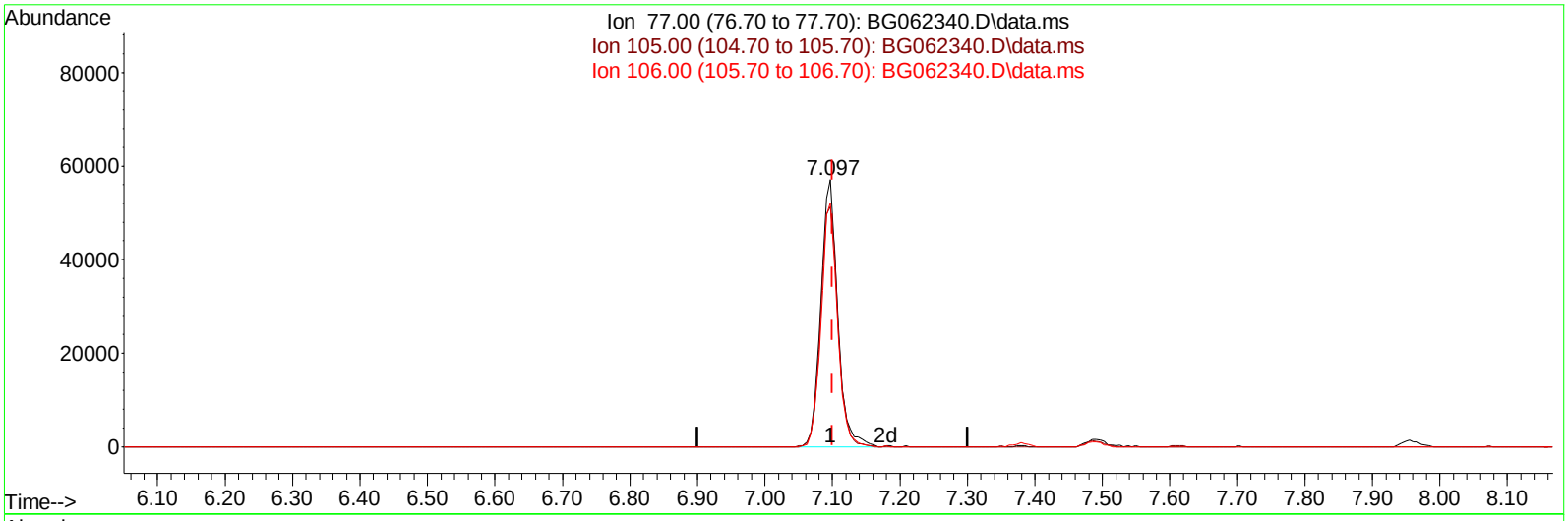
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080824\
Data File : BG062340.D
Acq On : 8 Aug 2024 22:19
Operator : MA/JU
Sample : P3434-03MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

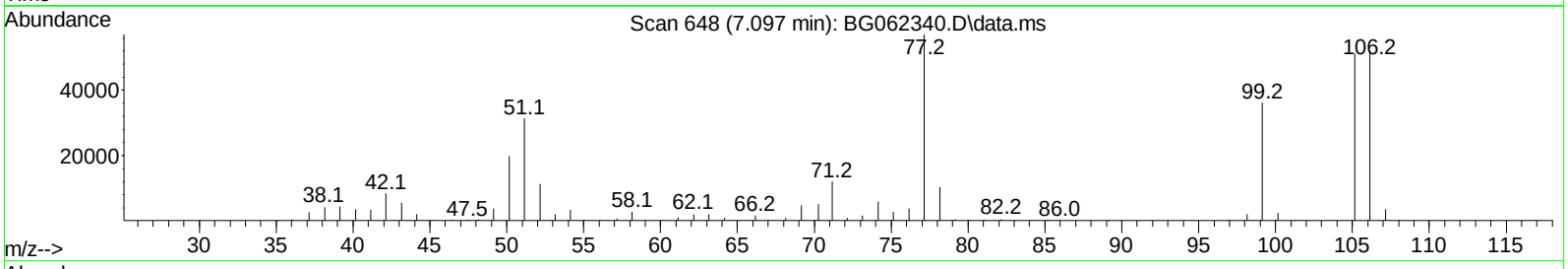
Quant Time: Aug 08 23:30:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 01:46:39 2024
Response via : Initial Calibration

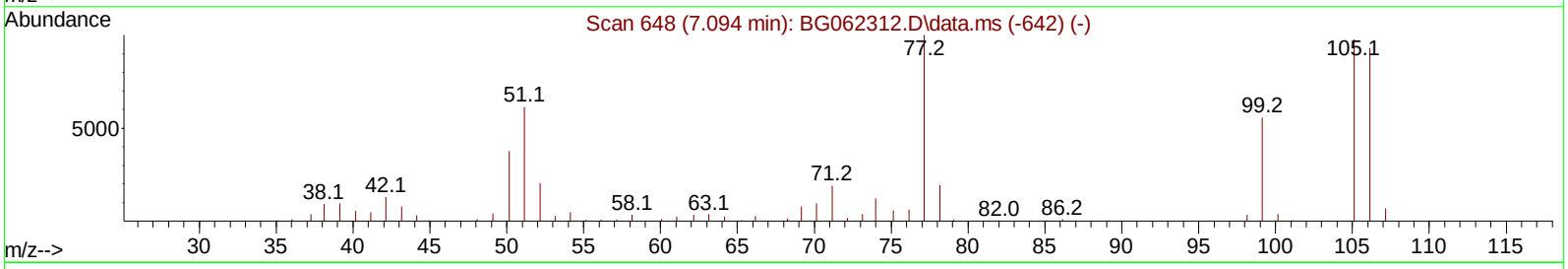
Instrument :
BNA_G
ClientSampleId :
E05T4MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/12/2024







TIC: BG062340.D\data.ms

(6) Benzaldehyde

7.097min (-0.003) 32.15 ng/ul

response 99286

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	89.93
106.00	91.40	91.38
0.00	0.00	0.00

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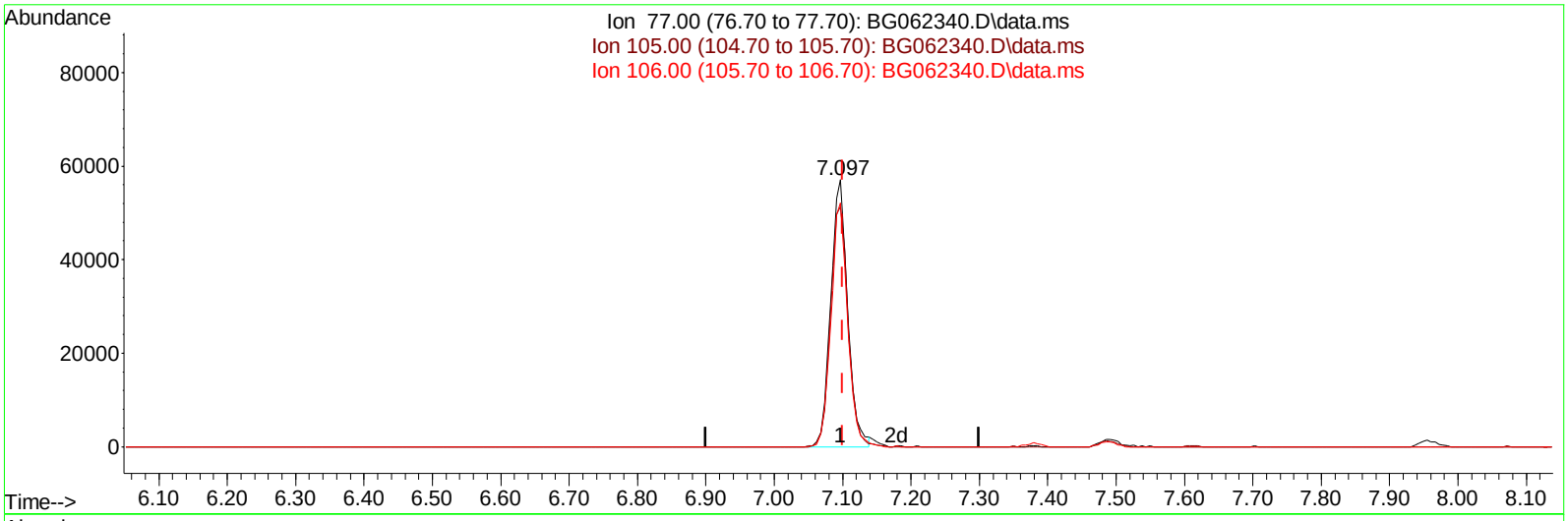

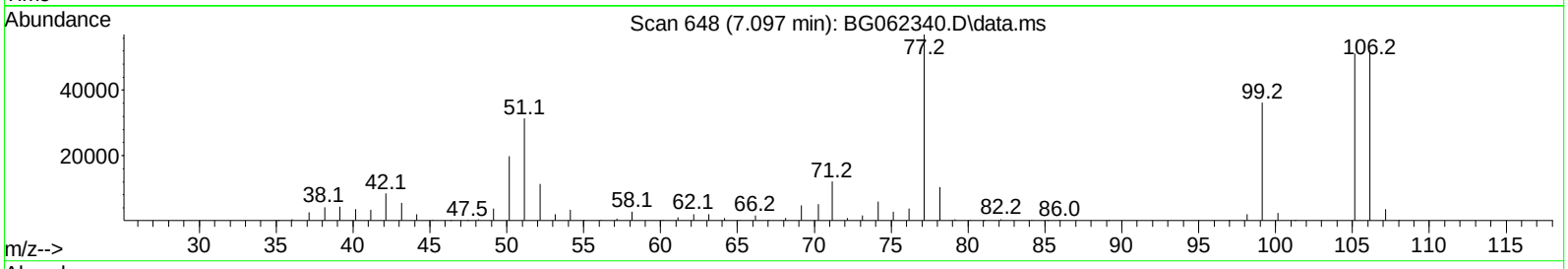

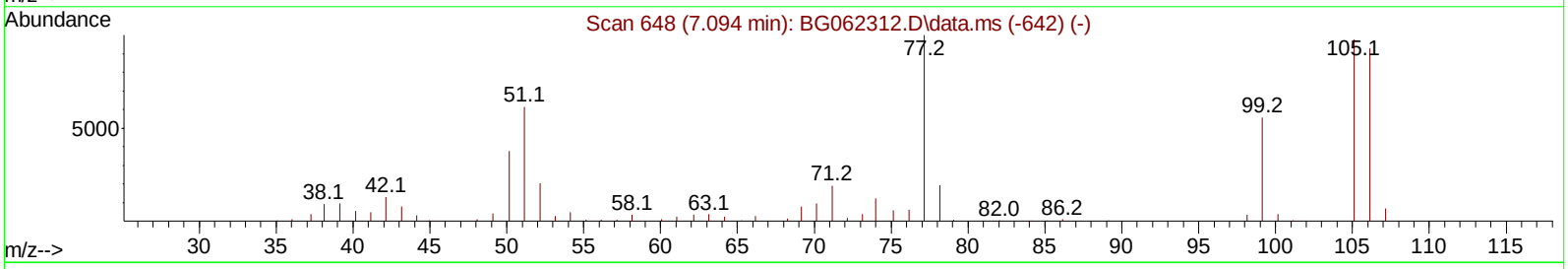

TIC: BG062340.D\data.ms

(6) Benzaldehyde

7.097min (-0.003) 31.74 ng/ul m

response 98017

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	89.93
106.00	91.40	91.38
0.00	0.00	0.00

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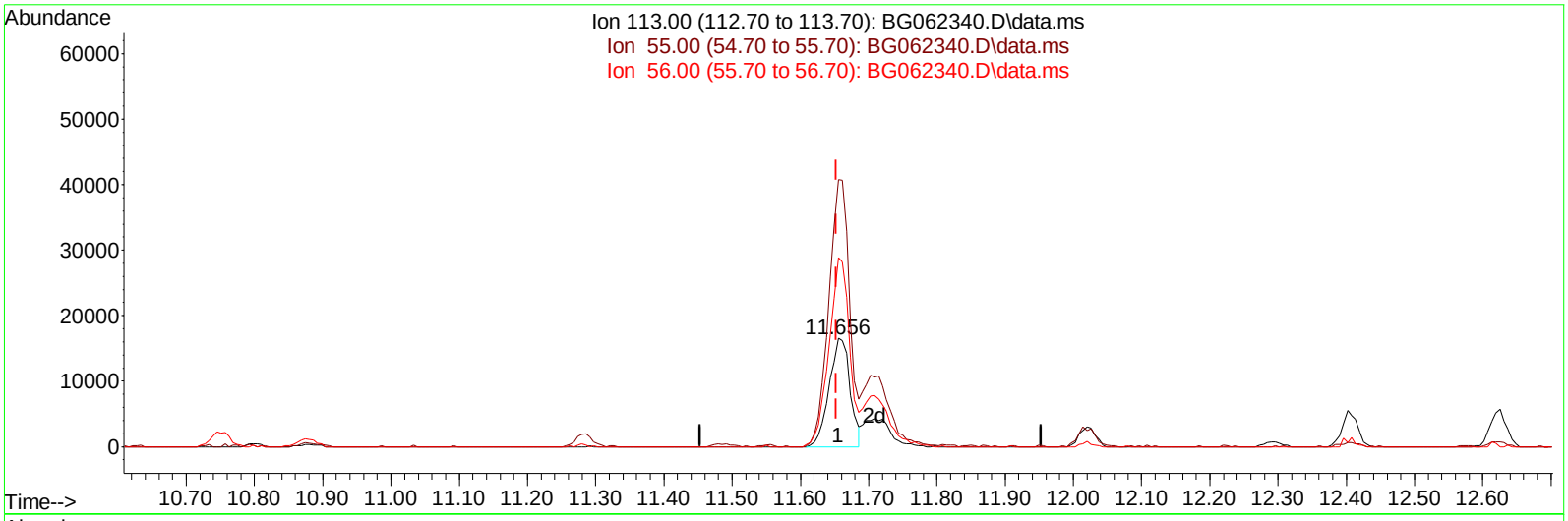

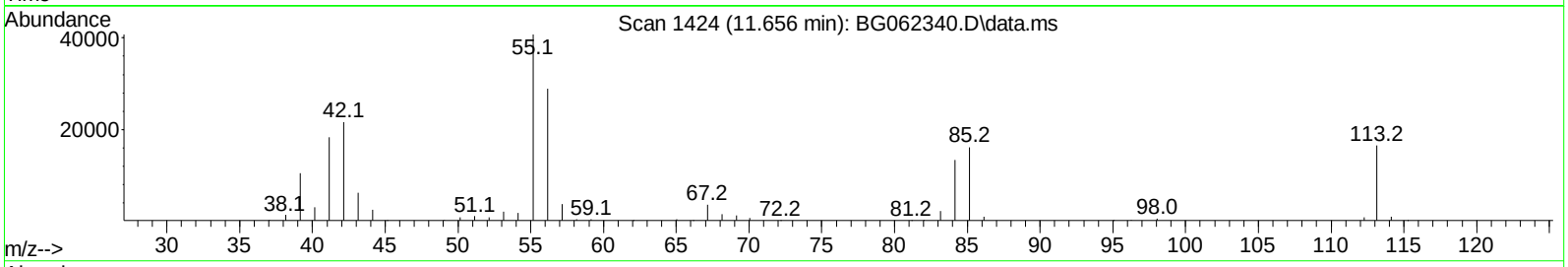

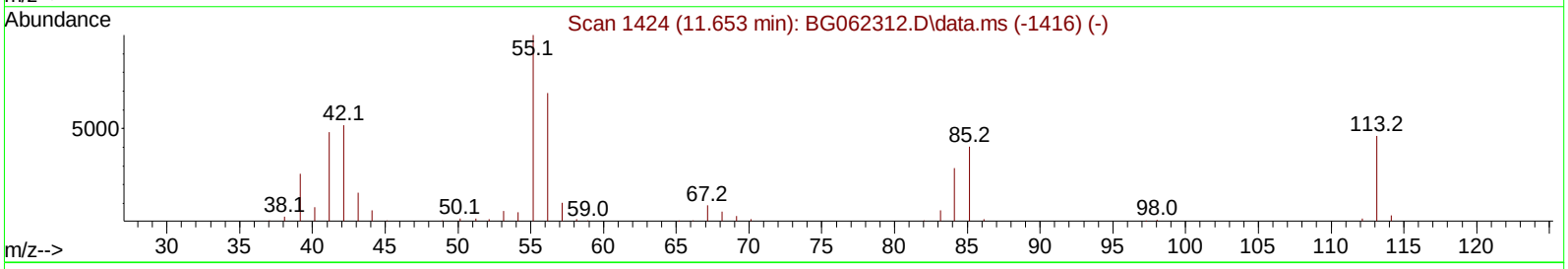

TIC: BG062340.D\data.ms

(34) Caprolactam

11.656min (+ 0.003) 20.63 ng/ul

response 34937

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	246.47
56.00	156.80	174.59
0.00	0.00	0.00

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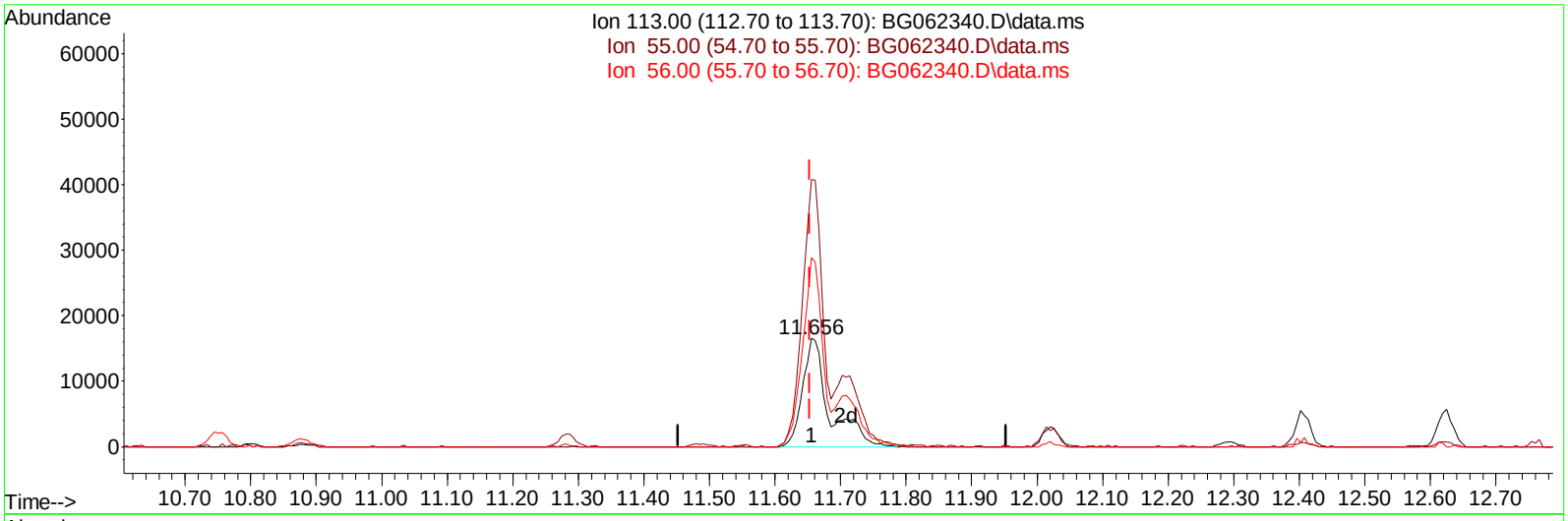

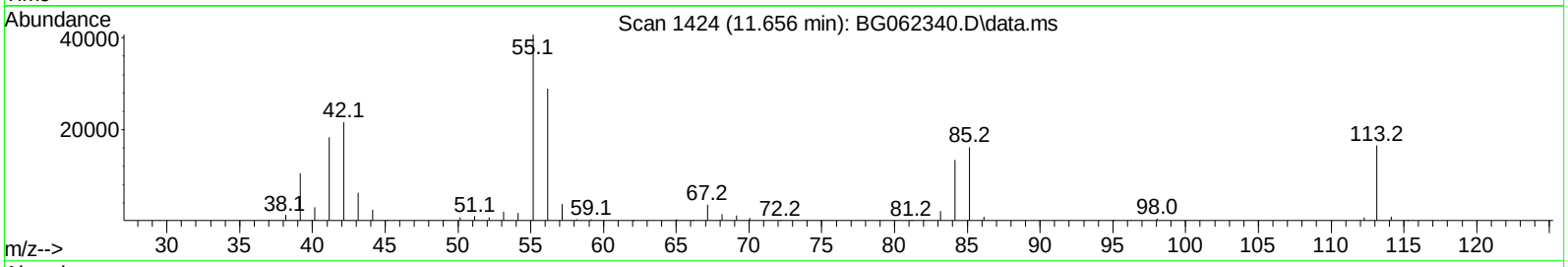

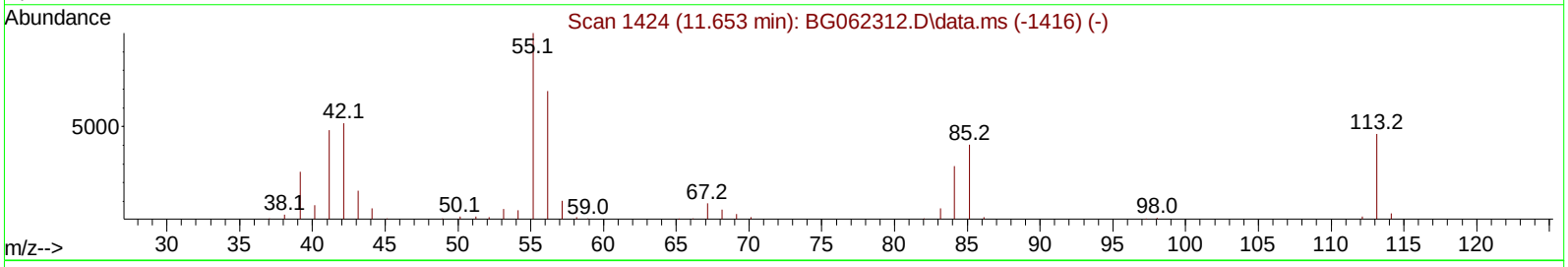

TIC: BG062340.D\data.ms

(34) Caprolactam

11.656min (+ 0.003) 27.63 ng/ul m

response 46789

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	246.47
56.00	156.80	174.59
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/09/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	61226	20.000	ng/ul	0.00
20) Naphthalene-d8	10.751	136	283503	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	213545	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.313	188	457899	20.000	ng/ul	0.00
79) Chrysene-d12	21.554	240	450555	20.000	ng/ul	0.00
88) Perylene-d12	24.638	264	517170	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.420	96	4795	3.377	ng/uL	0.00
4) Pyridine-d5	3.825	84	84901	19.006	ng/ul	0.00
7) Phenol-d5	7.115	99	146733	25.109	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.285	67	88494	24.600	ng/ul	0.00
11) 2-Chlorophenol-d4	7.491	132	107174	25.597	ng/ul	0.00
15) 4-Methylphenol-d8	8.654	113	114840	23.593	ng/ul	0.00
21) Nitrobenzene-d5	9.112	128	57609	32.955	ng/ul	0.00
24) 2-Nitrophenol-d4	9.829	143	64242	39.065	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	135681	28.407	ng/ul	0.00
31) 4-Chloroaniline-d4	10.874	131	164887	23.802	ng/ul	0.00
46) Dimethylphthalate-d6	13.982	166	436064	26.467	ng/ul	0.00
49) Acenaphthylene-d8	14.270	160	498947	26.709	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	61208	26.536	ng/ul	0.00
60) Fluorene-d10	15.568	176	400543	27.085	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.674	200	57895	42.692	ng/ul	0.00
73) Anthracene-d10	17.413	188	603662	27.333	ng/ul	0.00
81) Pyrene-d10	19.692	212	739265	27.605	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.433	264	797271	28.838	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.455	88	14761	9.208	ng/uL#	87
5) Pyridine	3.843	79	111819	24.082	ng/ul	97
6) Benzaldehyde	7.097	77	98017m	31.737	ng/ul	
8) Phenol	7.138	94	183665	29.785	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.379	93	129961	28.439	ng/ul	95
12) 2-Chlorophenol	7.520	128	130325	29.297	ng/ul	95
13) 2-Methylphenol	8.390	108	131496	28.281	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.478	45	269471	28.861	ng/ul	99
16) Acetophenone	8.771	105	221190	28.534	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.765	70	120709	29.301	ng/ul	97
18) 4-Methylphenol	8.718	108	152893	29.365	ng/ul	95
19) Hexachloroethane	9.042	117	49247	29.790	ng/ul	98
22) Nitrobenzene	9.153	77	171318	34.461	ng/ul	99
23) Isophorone	9.676	82	347743	29.077	ng/ul	99
25) 2-Nitrophenol	9.858	139	81802	41.009	ng/ul	97
26) 2,4-Dimethylphenol	9.917	107	124999	21.893	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.158	93	197907	29.344	ng/ul	100
29) 2,4-Dichlorophenol	10.393	162	153944	31.801	ng/ul	97
30) Naphthalene	10.798	128	475950	29.535	ng/ul	99
32) 4-Chloroaniline	10.904	127	167936	24.802	ng/ul	97
33) Hexachlorobutadiene	11.092	225	106464	29.058	ng/ul	96
34) Caprolactam	11.656	113	46789m	27.632	ng/ul	
35) 4-Chloro-3-methylphenol	12.020	107	174755	32.171	ng/ul	96

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E05T4MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/09/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.408	142	353661	31.855	ng/ul	98
37) 1-Methylnaphthalene	12.625	142	351833	30.587	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.772	216	224165	32.153	ng/ul	99
40) Hexachlorocyclopentadiene	12.760	237	78709	29.050	ng/ul	98
41) 2,4,6-Trichlorophenol	13.007	196	137599	34.028	ng/ul	97
42) 2,4,5-Trichlorophenol	13.077	196	149508	34.317	ng/ul	96
43) 1,1'-Biphenyl	13.412	154	500900	30.959	ng/ul	99
44) 2-Chloronaphthalene	13.453	162	390804	31.086	ng/ul	99
45) 2-Nitroaniline	13.647	65	127468	39.810	ng/ul	95
47) Dimethylphthalate	14.035	163	486789	29.451	ng/ul	99
48) 2,6-Dinitrotoluene	14.146	165	95181	42.176	ng/ul	91
50) Acenaphthylene	14.299	152	599178	30.103	ng/ul	99
51) 3-Nitroaniline	14.470	138	92041	35.826	ng/ul#	93
52) Acenaphthene	14.640	153	434420	29.315	ng/ul	100
53) 2,4-Dinitrophenol	14.675	184	45442	50.642	ng/ul#	83
55) 4-Nitrophenol	14.775	109	68903	33.395	ng/ul	97
56) Dibenzofuran	14.975	168	612711	29.929	ng/ul	99
57) 2,4-Dinitrotoluene	14.928	165	136466	44.083	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.198	232	136959	34.910	ng/ul	97
59) Diethylphthalate	15.398	149	477335	28.600	ng/ul	98
61) Fluorene	15.621	166	475057	29.677	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.615	204	243804	29.541	ng/ul	99
63) 4-Nitroaniline	15.633	138	92218	37.246	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.691	198	80158	51.301	ng/ul	98
67) N-Nitrosodiphenylamine	15.826	169	423048	30.831	ng/ul	100
68) 4-Bromophenyl-phenylether	16.508	248	166505	31.915	ng/ul	99
69) Hexachlorobenzene	16.625	284	189324	31.195	ng/ul	96
70) Atrazine	16.778	200	148521	28.253	ng/ul	98
71) Pentachlorophenol	16.960	266	117417	36.742	ng/ul	99
72) Phenanthrene	17.360	178	786868	30.531	ng/ul	99
74) Anthracene	17.448	178	773957	29.260	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.377	216	220504	32.153	ng/ul	99
76) Pentachlorobenzene	14.892	250	213899	29.814	ng/ul	96
77) Carbazole	17.712	167	660357	30.441	ng/ul	100
78) Di-n-butylphthalate	18.288	149	811180	31.426	ng/ul	100
80) Fluoranthene	19.363	202	923462	30.497	ng/ul	98
82) Pyrene	19.721	202	964542	29.912	ng/ul	99
83) Butylbenzylphthalate	20.620	149	360544	32.396	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.454	252	301242	29.703	ng/ul	99
85) Benzo(a)anthracene	21.536	228	1009799	30.603	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.472	149	530577	30.890	ng/ul	98
87) Chrysene	21.601	228	962864	30.911	ng/ul	100
89) Di-n-octyl phthalate	22.641	149	925292	31.408	ng/ul	100
90) Benzo(b)fluoranthene	23.669	252	981447	31.197	ng/ul	99
91) Benzo(k)fluoranthene	23.733	252	985130	30.780	ng/ul	100
93) Benzo(a)pyrene	24.497	252	891451	29.947	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.128	276	1207753	31.310	ng/ul	99
95) Dibenzo(a,h)anthracene	28.198	278	983312	31.210	ng/ul	98
96) Benzo(g,h,i)perylene	29.220	276	928711	31.705	ng/ul	99

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

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