Quantitation Report (Qedit)

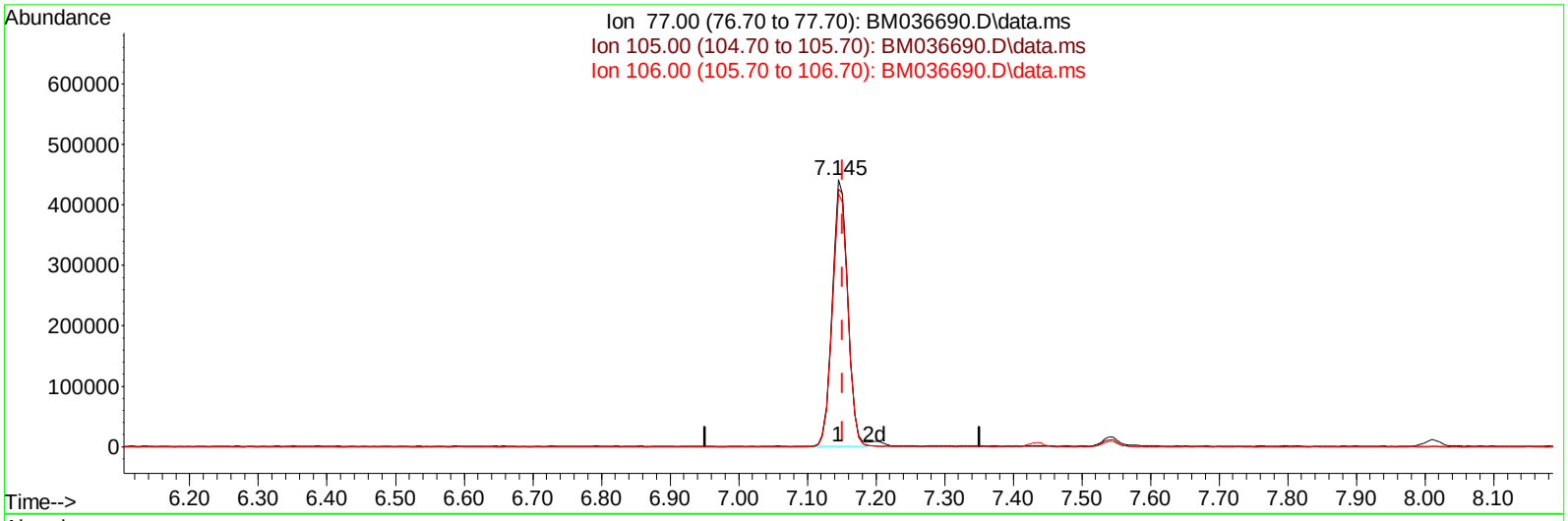
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
Data File : BM036690.D
Acq On : 23 Sep 2022 23:36
Operator : CG/JU
Sample : PB147814BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

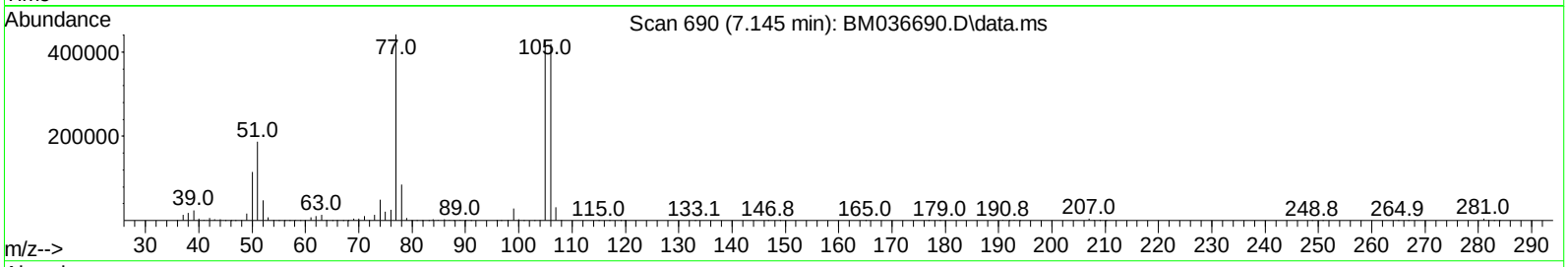
Quant Time: Sep 24 00:53:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 24 00:41:16 2022
Response via : Initial Calibration

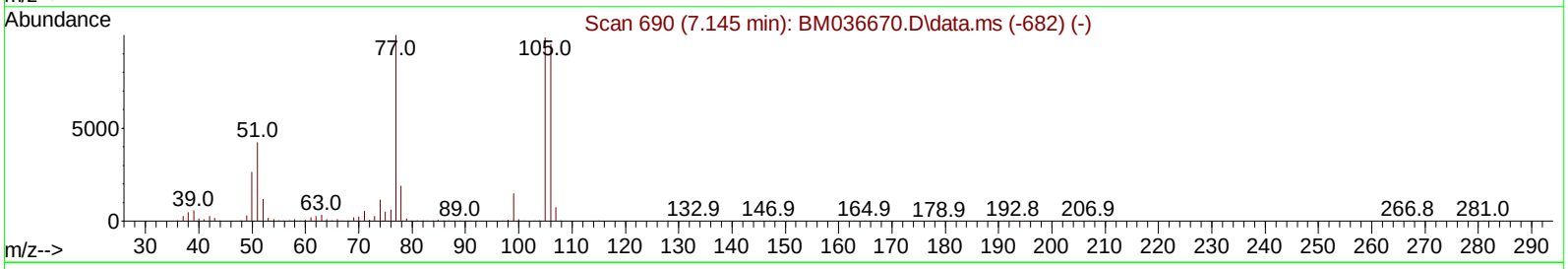
Instrument :
BNA_M
ClientSampleId :
SLCS814

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/26/2022
Supervised By :mohammad ahmed 09/26/2022







TIC: BM036690.D\data.ms

(6) Benzaldehyde

7.145min (-0.006) 35.76 ng/ul

response 688222

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	96.59
106.00	91.30	95.01
0.00	0.00	0.00

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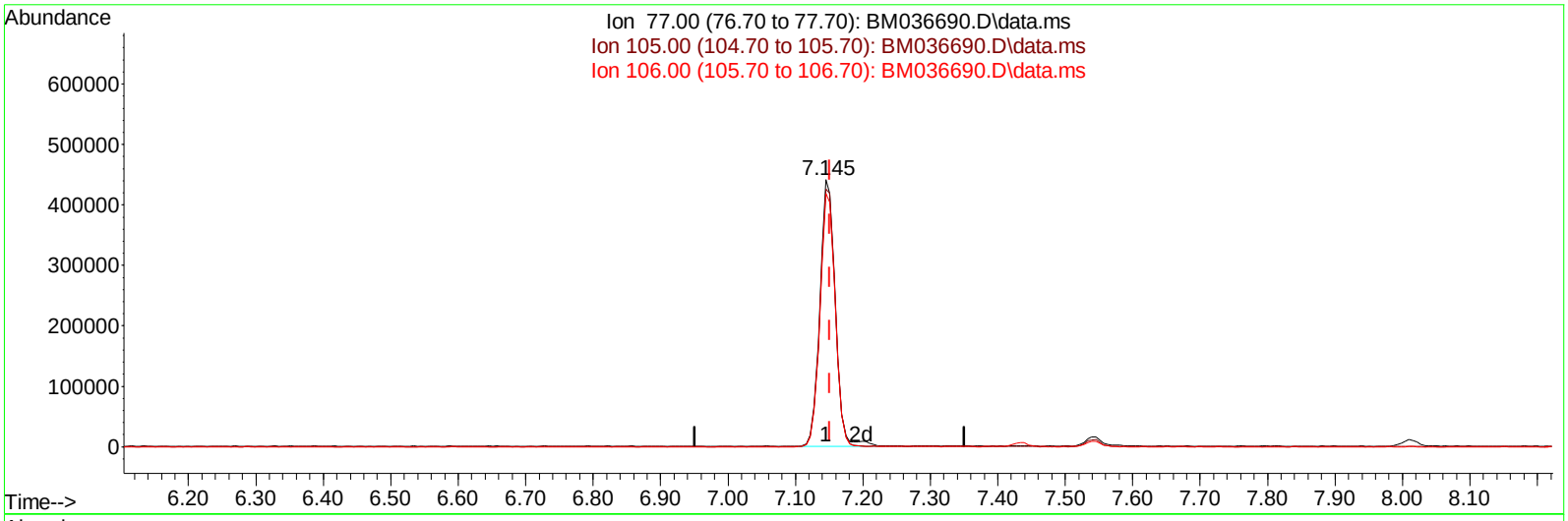

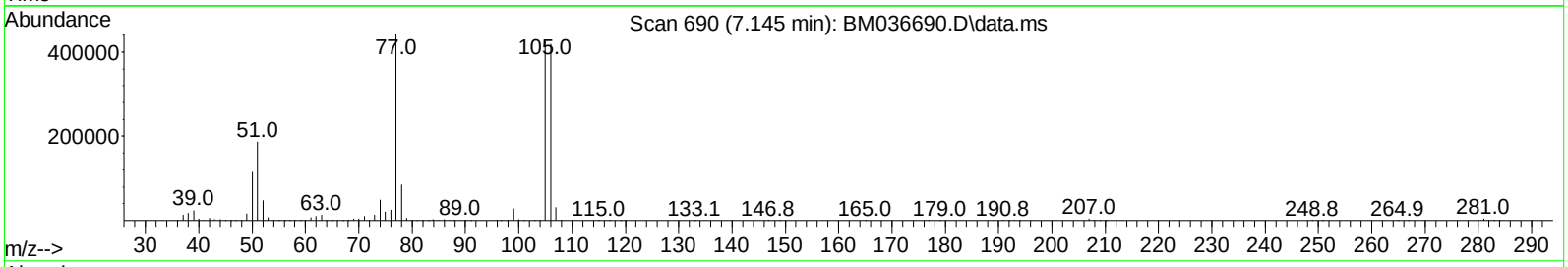

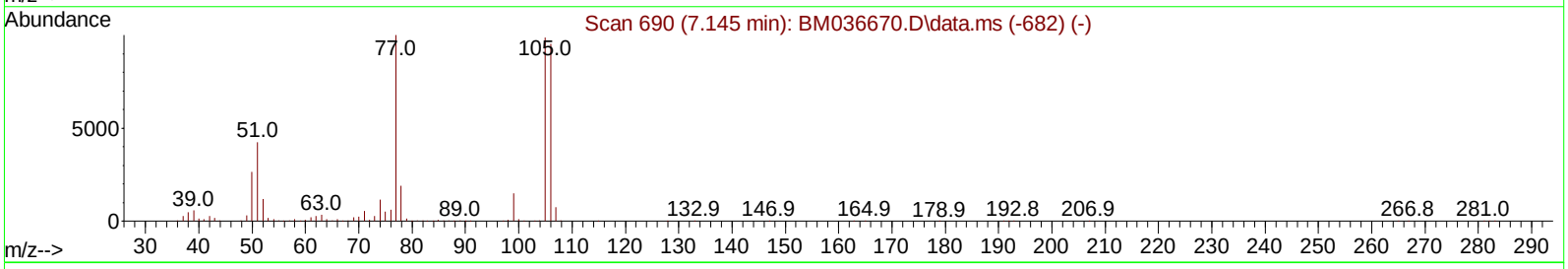

TIC: BM036690.D\data.ms

(6) Benzaldehyde

7.145min (-0.006) 36.63 ng/ul m

response 705030

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	96.59
106.00	91.30	95.01
0.00	0.00	0.00

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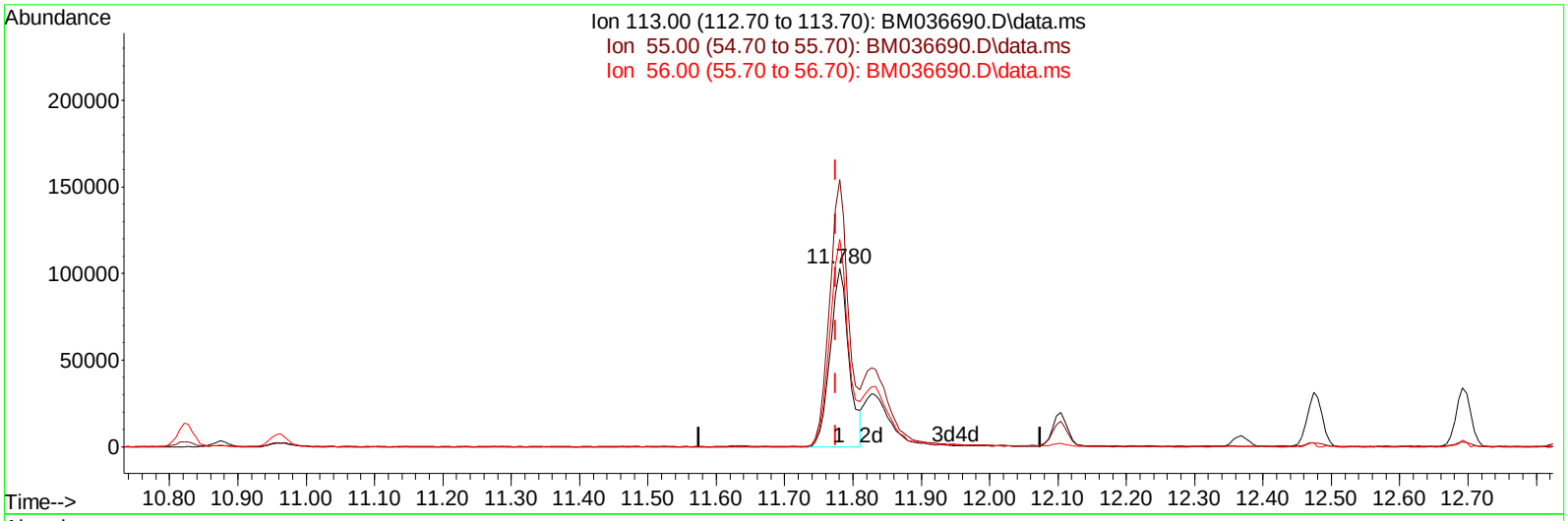

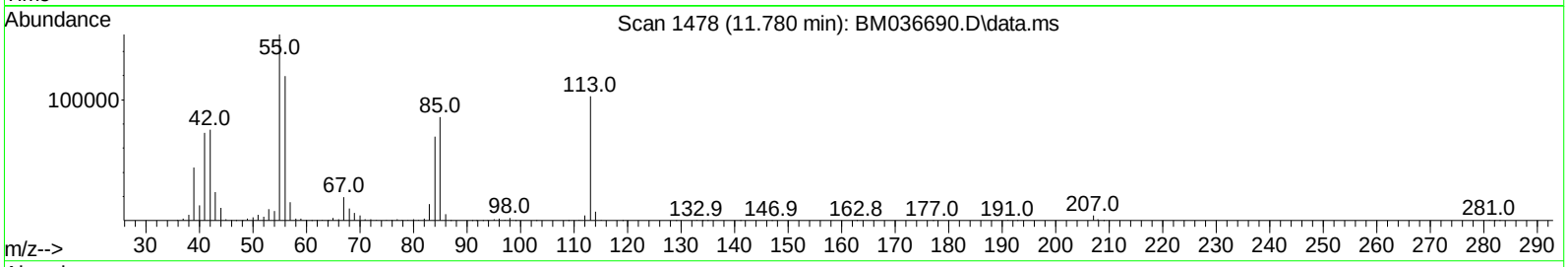

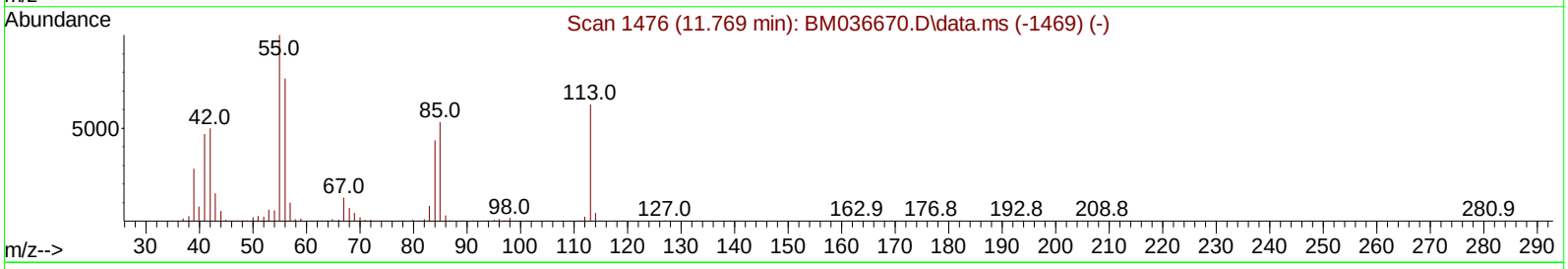

TIC: BM036690.D\data.ms

(34) Caprolactam

11.780min (+ 0.006) 20.26 ng/ul

response 194383

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	149.60
56.00	118.30	116.21
0.00	0.00	0.00

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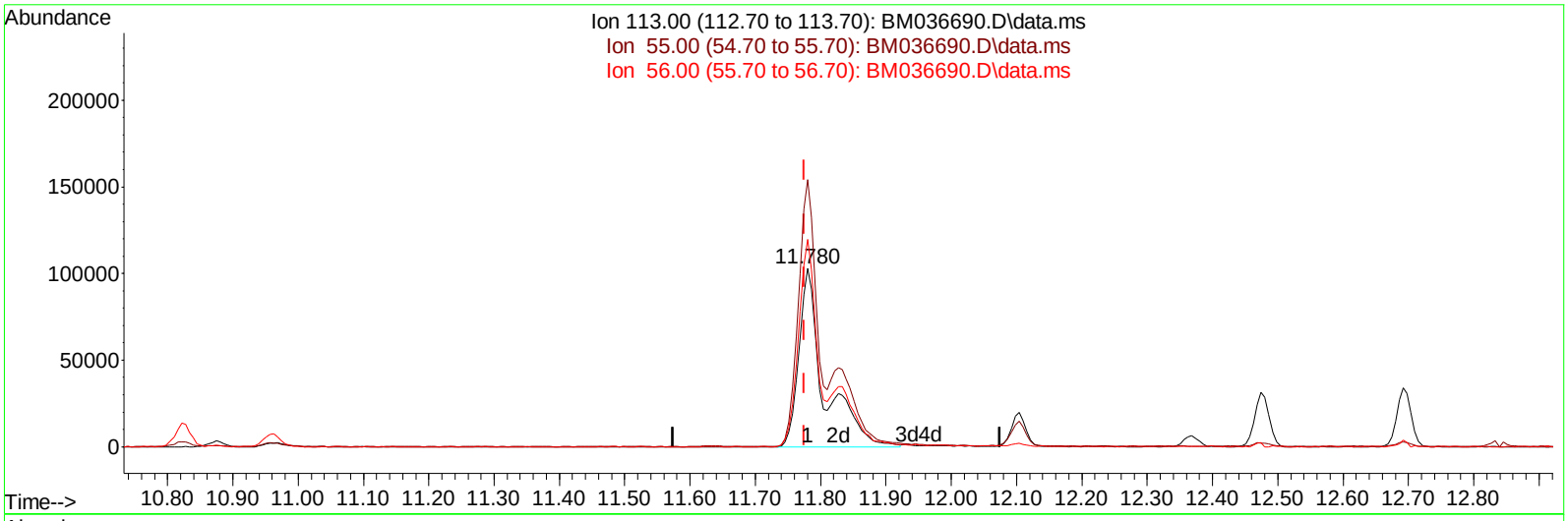

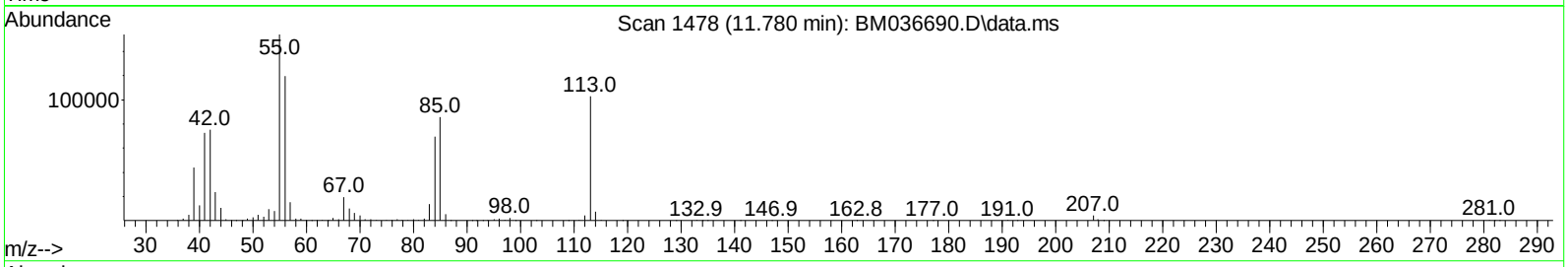

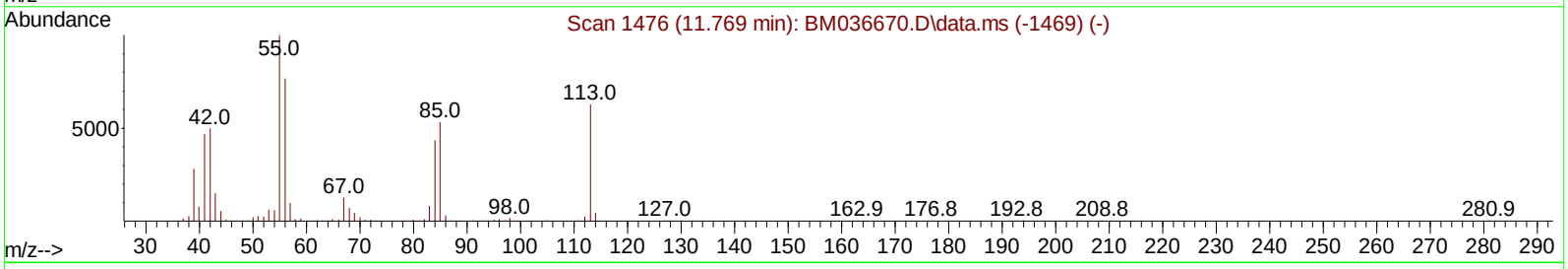

TIC: BM036690.D\data.ms

(34) Caprolactam

11.780min (+ 0.006) 28.71 ng/ul m

response 275401

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	149.60
56.00	118.30	116.21
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/26/2022
Supervised By :mohammad ahmed 09/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	444756	20.000	ng/ul	0.00
20) Naphthalene-d8	10.827	136	2002376	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	1238950	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	2428232	20.000	ng/ul	0.00
79) Chrysene-d12	21.538	240	1899638	20.000	ng/ul	0.00
88) Perylene-d12	23.980	264	1551812	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	58279	4.912	ng/uL	0.00
4) Pyridine-d5	3.816	84	805712	23.286	ng/ul	0.00
7) Phenol-d5	7.175	99	1198139	30.145	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.339	67	710640	29.442	ng/ul	0.00
11) 2-Chlorophenol-d4	7.539	132	942083	32.923	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	934603	31.824	ng/ul	0.00
21) Nitrobenzene-d5	9.180	128	463072	34.167	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	467385	38.500	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.445	165	891433	31.685	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	1201149	25.679	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	2512612	30.069	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	3050619	30.778	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	470105	29.006	ng/ul	0.00
60) Fluorene-d10	15.627	176	2188971	29.232	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	316637	32.958	ng/ul	0.00
73) Anthracene-d10	17.474	188	3248224	29.257	ng/ul	0.00
81) Pyrene-d10	19.756	212	3467449	37.103	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.821	264	2427143	32.014	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	121305	9.492	ng/uL	98
5) Pyridine	3.834	79	865255	24.890	ng/ul	96
6) Benzaldehyde	7.145	77	705030m	36.632	ng/ul	
8) Phenol	7.198	94	1233091	28.907	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.434	93	947369	28.544	ng/ul	98
12) 2-Chlorophenol	7.575	128	944913	30.527	ng/ul	97
13) 2-Methylphenol	8.457	108	913991	29.150	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.551	45	1091005	27.735	ng/ul	97
16) Acetophenone	8.845	105	1448046	28.427	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.833	70	720734	29.323	ng/ul	96
18) 4-Methylphenol	8.792	108	992849	29.283	ng/ul	98
19) Hexachloroethane	9.098	117	368804	29.416	ng/ul	95
22) Nitrobenzene	9.222	77	1073434	29.831	ng/ul	97
23) Isophorone	9.757	82	1996387	27.210	ng/ul	100
25) 2-Nitrophenol	9.933	139	505801	33.733	ng/ul	99
26) 2,4-Dimethylphenol	9.998	107	1002533	27.109	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.233	93	1234499	28.229	ng/ul	99
29) 2,4-Dichlorophenol	10.469	162	882293	29.830	ng/ul	98
30) Naphthalene	10.874	128	3023612	27.719	ng/ul	99
32) 4-Chloroaniline	10.986	127	1221075	25.285	ng/ul	99
33) Hexachlorobutadiene	11.157	225	498168	27.539	ng/ul	99
34) Caprolactam	11.780	113	275401m	28.705	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	955106	29.254	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/26/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.474	142	2033567	27.980	ng/ul	99
37) 1-Methylnaphthalene	12.692	142	2055155	28.128	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.839	216	974555	27.791	ng/ul	98
40) Hexachlorocyclopentadiene	12.821	237	416887	22.812	ng/ul	99
41) 2,4,6-Trichlorophenol	13.080	196	652553	30.392	ng/ul	99
42) 2,4,5-Trichlorophenol	13.151	196	706272	30.681	ng/ul	99
43) 1,1'-Biphenyl	13.480	154	2567408	28.111	ng/ul	99
44) 2-Chloronaphthalene	13.521	162	2013475	28.095	ng/ul	99
45) 2-Nitroaniline	13.721	65	588534	33.364	ng/ul	99
47) Dimethylphthalate	14.098	163	2489669	28.088	ng/ul	100
48) 2,6-Dinitrotoluene	14.215	165	490225	34.018	ng/ul	99
50) Acenaphthylene	14.363	152	3135588	27.670	ng/ul	100
51) 3-Nitroaniline	14.545	138	540020	31.244	ng/ul#	94
52) Acenaphthene	14.704	153	2182979	27.532	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	181161	28.331	ng/ul	96
55) 4-Nitrophenol	14.851	109	375192	27.081	ng/ul	95
56) Dibenzofuran	15.033	168	2939637	27.606	ng/ul	98
57) 2,4-Dinitrotoluene	14.998	165	708054	33.797	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.257	232	569909	29.575	ng/ul#	96
59) Diethylphthalate	15.457	149	2536483	28.586	ng/ul	99
61) Fluorene	15.680	166	2508666	27.662	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.674	204	1188427	27.400	ng/ul	99
63) 4-Nitroaniline	15.704	138	544817	32.444	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.757	198	323386	29.829	ng/ul	98
67) N-Nitrosodiphenylamine	15.886	169	2052856	28.704	ng/ul	99
68) 4-Bromophenyl-phenylether	16.568	248	672090	28.081	ng/ul	98
69) Hexachlorobenzene	16.680	284	770869	27.231	ng/ul	99
70) Atrazine	16.839	200	699009	27.698	ng/ul	97
71) Pentachlorophenol	17.021	266	444749	26.450	ng/ul	99
72) Phenanthrene	17.415	178	3794361	28.369	ng/ul	99
74) Anthracene	17.509	178	3784462	27.837	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.445	216	1014590	30.549	ng/uL	100
76) Pentachlorobenzene	14.951	250	910341	25.343	ng/uL	99
77) Carbazole	17.774	167	3444944	27.370	ng/ul	100
78) Di-n-butylphthalate	18.339	149	4271006	29.938	ng/ul	99
80) Fluoranthene	19.421	202	4088567	35.702	ng/ul	100
82) Pyrene	19.786	202	4227108	34.871	ng/ul	99
83) Butylbenzylphthalate	20.680	149	1747075	38.034	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.456	252	1129920	30.441	ng/ul	98
85) Benzo(a)anthracene	21.527	228	3547304	29.804	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.456	149	2645487	39.427	ng/ul	100
87) Chrysene	21.580	228	3299927	29.209	ng/ul	99
89) Di-n-octyl phthalate	22.391	149	4015664	42.923	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	3045062	30.944	ng/ul	100
91) Benzo(k)fluoranthene	23.285	252	3057397	31.093	ng/ul	99
93) Benzo(a)pyrene	23.874	252	2617797	30.260	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.521	276	2848929	28.201	ng/ul	97
95) Dibenzo(a,h)anthracene	26.538	278	2604110	28.424	ng/ul	99
96) Benzo(g,h,i)perylene	27.303	276	2452788	28.007	ng/ul	98

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

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