Quantitation Report (Qedit)

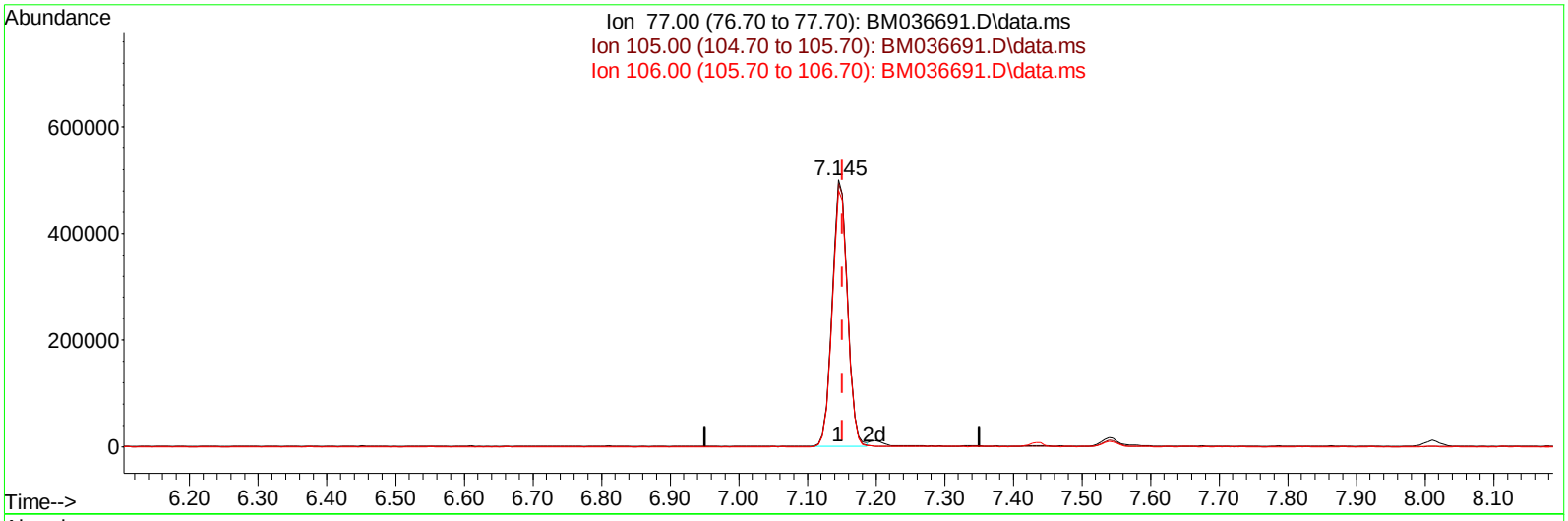
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
Data File : BM036691.D
Acq On : 24 Sep 2022 00:12
Operator : CG/JU
Sample : PB147828BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

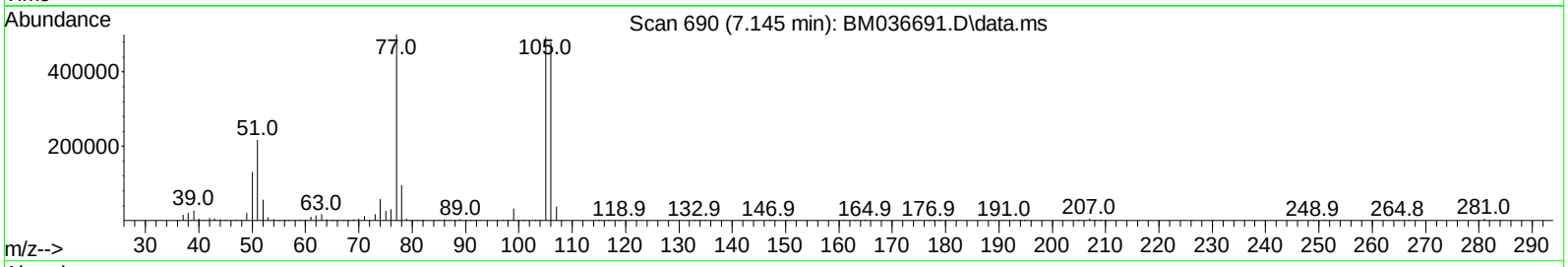
Quant Time: Sep 24 00:56:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 24 00:41:16 2022
Response via : Initial Calibration

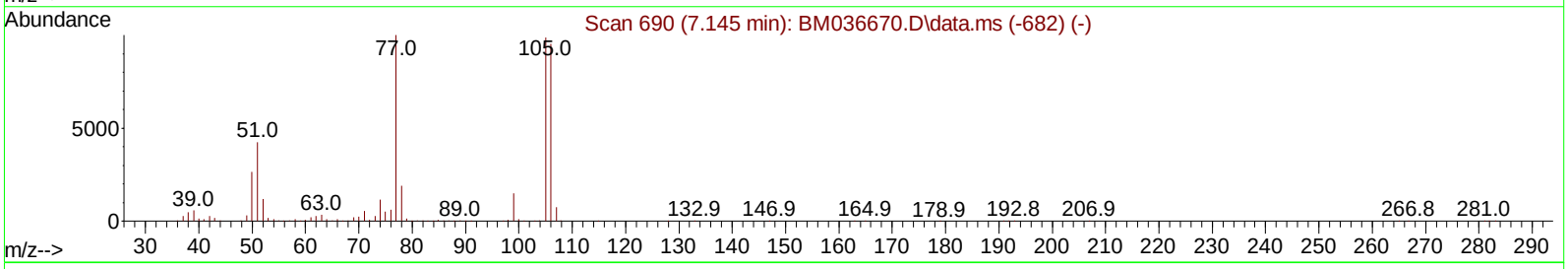
Instrument :
BNA_M
ClientSampleId :
SLCS828

Manual IntegrationsAPPROVED

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







TIC: BM036691.D\data.ms

(6) Benzaldehyde

7.145min (-0.006) 39.60 ng/ul

response 775079

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	98.66
106.00	91.30	96.04
0.00	0.00	0.00

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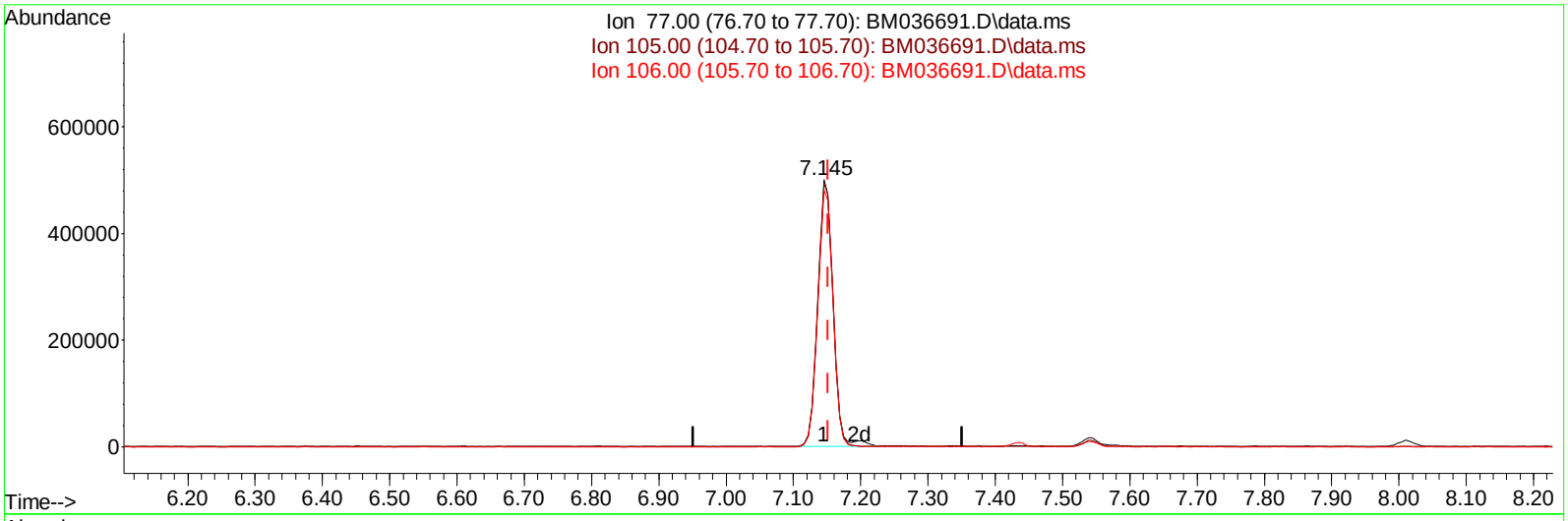

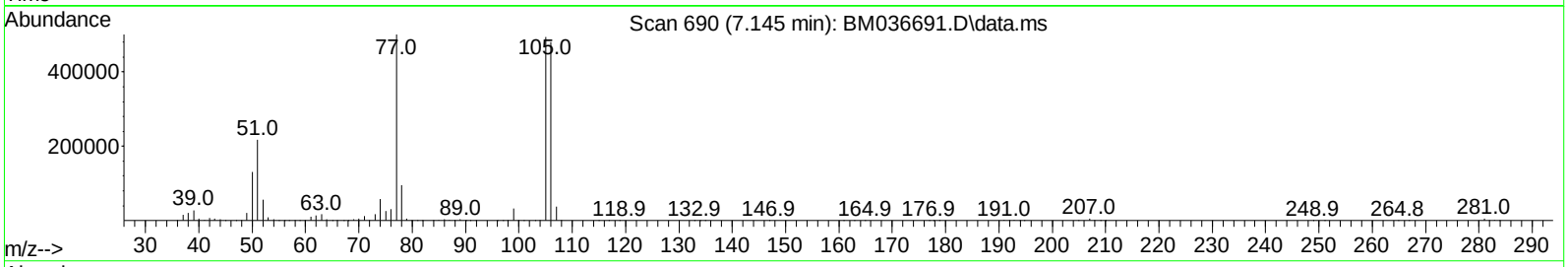

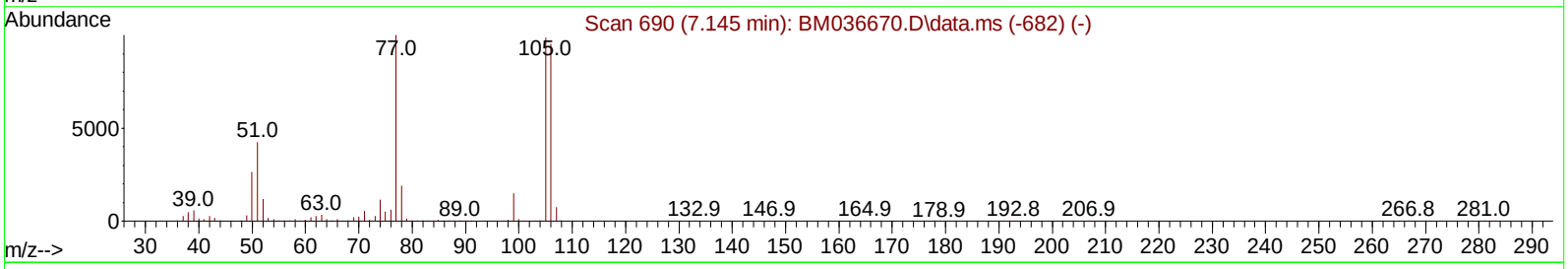

TIC: BM036691.D\data.ms

(6) Benzaldehyde

7.145min (-0.006) 40.52 ng/ul m

response 792894

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	98.66
106.00	91.30	96.04
0.00	0.00	0.00

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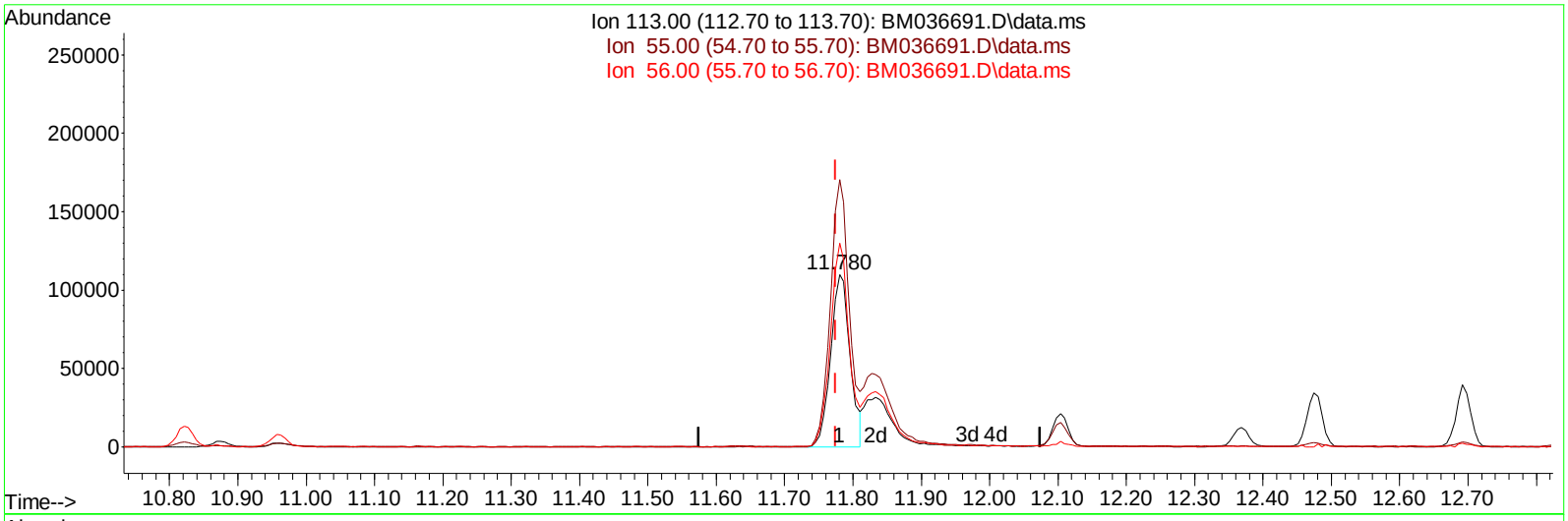

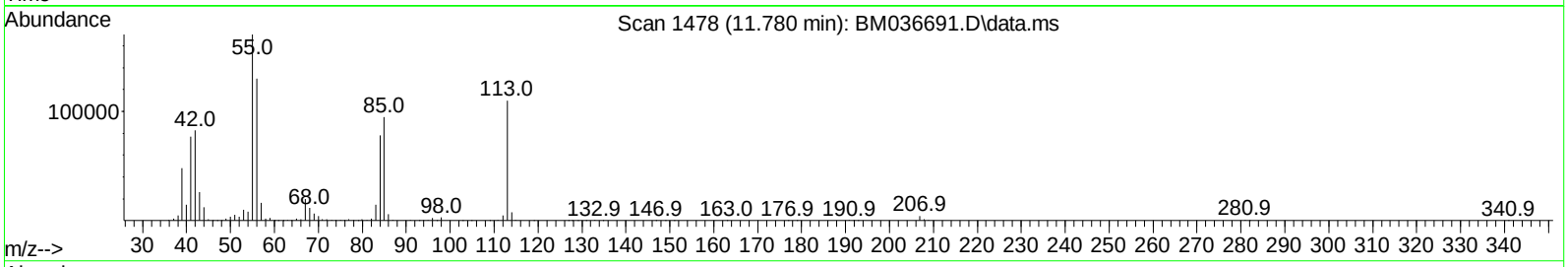

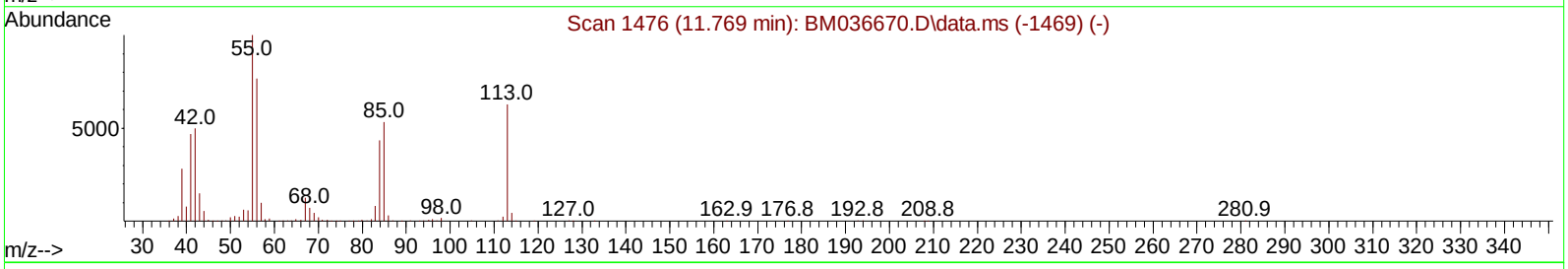

TIC: BM036691.D\data.ms

(34) Caprolactam

11.780min (+ 0.006) 22.46 ng/ul

response 217299

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	154.86
56.00	118.30	118.01
0.00	0.00	0.00

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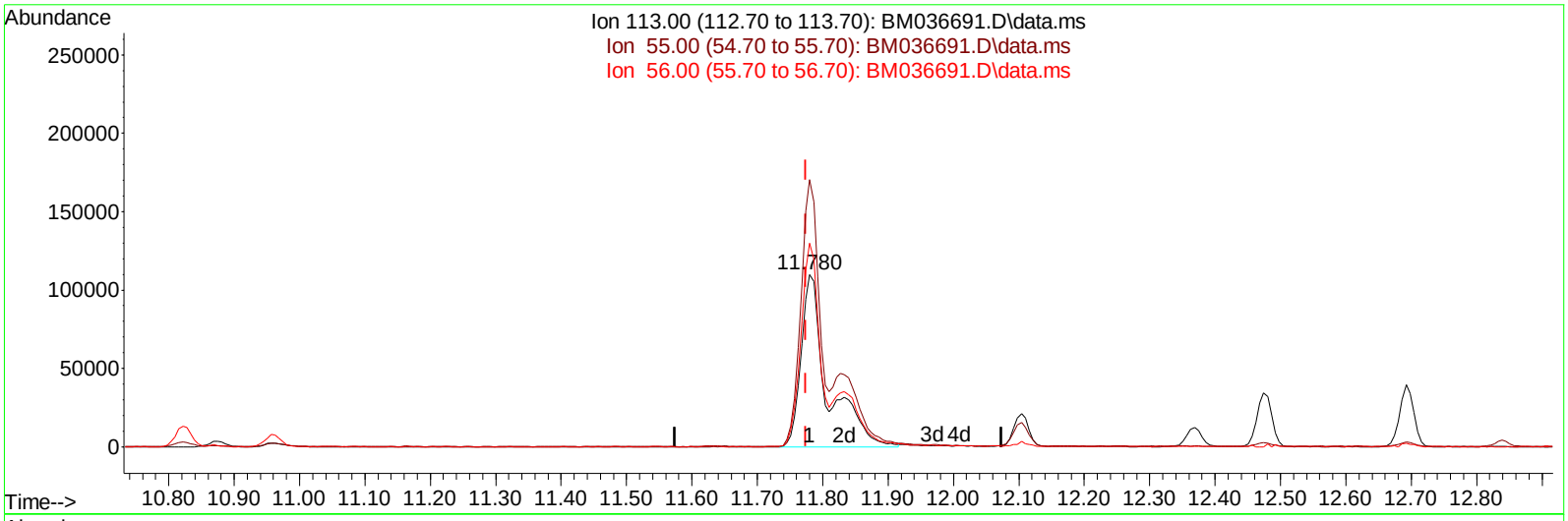

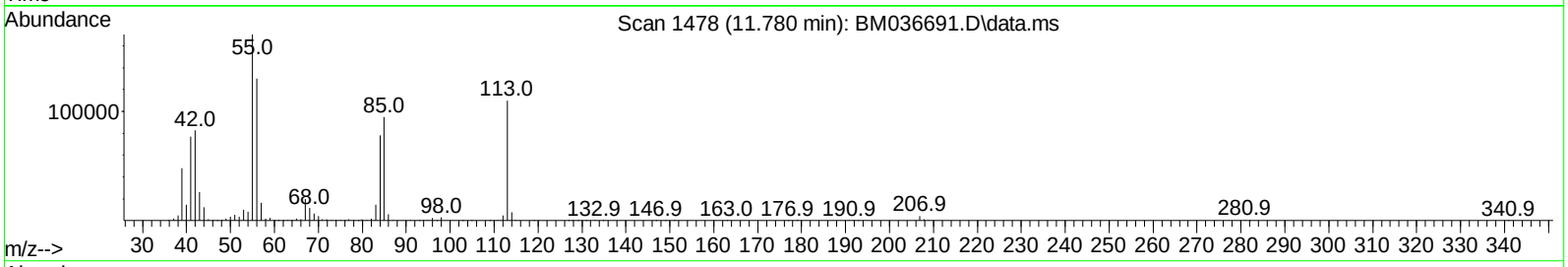

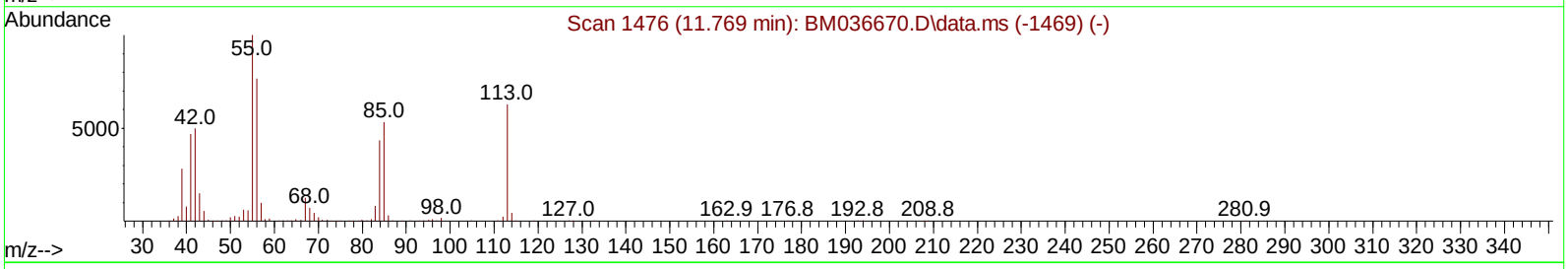

TIC: BM036691.D\data.ms

(34) Caprolactam

11.780min (+ 0.006) 31.77 ng/ul m

response 307360

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	154.86
56.00	118.30	118.01
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	452238	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	2018852	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	1217678	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	2373170	20.000	ng/ul	0.00
79) Chrysene-d12	21.544	240	1793229	20.000	ng/ul	0.00
88) Perylene-d12	23.980	264	1477235	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	65611	5.439	ng/uL	0.00
4) Pyridine-d5	3.816	84	878331	24.965	ng/ul	0.00
7) Phenol-d5	7.169	99	1302941	32.240	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.339	67	763710	31.117	ng/ul	0.00
11) 2-Chlorophenol-d4	7.539	132	1029992	35.400	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	1010453	33.837	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	504050	36.887	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	510743	41.728	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.445	165	963075	33.952	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	1236940	26.228	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	2636750	32.106	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	3224070	33.096	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	494056	31.016	ng/ul	0.00
60) Fluorene-d10	15.627	176	2318958	31.509	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	331546	35.311	ng/ul	0.00
73) Anthracene-d10	17.474	188	3345984	30.836	ng/ul	0.00
81) Pyrene-d10	19.756	212	3544377	40.177	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.821	264	2426859	33.626	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	141442	10.884	ng/uL	95
5) Pyridine	3.834	79	1014908	28.712	ng/ul	96
6) Benzaldehyde	7.145	77	792894m	40.515	ng/ul	
8) Phenol	7.198	94	1398469	32.241	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.434	93	1065170	31.562	ng/ul	97
12) 2-Chlorophenol	7.575	128	1074665	34.144	ng/ul	97
13) 2-Methylphenol	8.457	108	1022729	32.079	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.551	45	1206947	30.174	ng/ul	97
16) Acetophenone	8.839	105	1610207	31.087	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.834	70	798513	31.950	ng/ul	95
18) 4-Methylphenol	8.792	108	1119776	32.480	ng/ul	97
19) Hexachloroethane	9.098	117	410705	32.216	ng/ul	94
22) Nitrobenzene	9.222	77	1200764	33.097	ng/ul	97
23) Isophorone	9.757	82	2222541	30.045	ng/ul	98
25) 2-Nitrophenol	9.933	139	570292	37.724	ng/ul	99
26) 2,4-Dimethylphenol	9.992	107	1112970	29.849	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.233	93	1372059	31.118	ng/ul	99
29) 2,4-Dichlorophenol	10.469	162	987793	33.125	ng/ul	100
30) Naphthalene	10.875	128	3383502	30.765	ng/ul	100
32) 4-Chloroaniline	10.986	127	1324839	27.209	ng/ul	99
33) Hexachlorobutadiene	11.157	225	558762	30.637	ng/ul	99
34) Caprolactam	11.780	113	307360m	31.775	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	1067572	32.432	ng/ul	98

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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	2264189	30.899	ng/ul	100
37) 1-Methylnaphthalene	12.692	142	2280098	30.953	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.839	216	1089546	31.613	ng/ul	99
40) Hexachlorocyclopentadiene	12.821	237	450880	25.103	ng/ul	98
41) 2,4,6-Trichlorophenol	13.080	196	727967	34.496	ng/ul	100
42) 2,4,5-Trichlorophenol	13.151	196	792645	35.034	ng/ul	99
43) 1,1'-Biphenyl	13.480	154	2846042	31.706	ng/ul	99
44) 2-Chloronaphthalene	13.521	162	2240952	31.815	ng/ul	99
45) 2-Nitroaniline	13.721	65	657941	37.950	ng/ul	97
47) Dimethylphthalate	14.098	163	2731095	31.350	ng/ul	100
48) 2,6-Dinitrotoluene	14.216	165	543118	38.346	ng/ul	96
50) Acenaphthylene	14.363	152	3470405	31.160	ng/ul	99
51) 3-Nitroaniline	14.545	138	594967	35.025	ng/ul#	94
52) Acenaphthene	14.704	153	2419855	31.052	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	200275	31.868	ng/ul	95
55) 4-Nitrophenol	14.851	109	408842	30.025	ng/ul	94
56) Dibenzofuran	15.033	168	3240848	30.967	ng/ul	98
57) 2,4-Dinitrotoluene	14.998	165	773218	37.552	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.257	232	628661	33.194	ng/ul	97
59) Diethylphthalate	15.457	149	2733134	31.340	ng/ul	100
61) Fluorene	15.680	166	2756335	30.923	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.674	204	1310786	30.749	ng/ul	98
63) 4-Nitroaniline	15.704	138	604669	36.637	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.757	198	353264	33.341	ng/ul	98
67) N-Nitrosodiphenylamine	15.886	169	2258929	32.318	ng/ul	99
68) 4-Bromophenyl-phenylether	16.568	248	735890	31.460	ng/ul	98
69) Hexachlorobenzene	16.680	284	841962	30.433	ng/ul	99
70) Atrazine	16.839	200	754229	30.579	ng/ul	98
71) Pentachlorophenol	17.021	266	472786	28.769	ng/ul	99
72) Phenanthrene	17.415	178	4104997	31.404	ng/ul	99
74) Anthracene	17.509	178	4103225	30.882	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.445	216	1124451	34.643	ng/uL	99
76) Pentachlorobenzene	14.951	250	1003912	28.596	ng/uL	99
77) Carbazole	17.780	167	3701107	30.087	ng/ul	100
78) Di-n-butylphthalate	18.339	149	4579666	32.846	ng/ul	99
80) Fluoranthene	19.421	202	4320437	39.965	ng/ul	99
82) Pyrene	19.786	202	4486826	39.210	ng/ul	99
83) Butylbenzylphthalate	20.680	149	1851281	42.694	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.456	252	1152185	32.883	ng/ul	97
85) Benzo(a)anthracene	21.527	228	3691064	32.852	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.456	149	2776906	43.841	ng/ul	99
87) Chrysene	21.580	228	3405045	31.928	ng/ul	99
89) Di-n-octyl phthalate	22.391	149	4170332	46.827	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	3154078	33.670	ng/ul	100
91) Benzo(k)fluoranthene	23.285	252	3192198	34.103	ng/ul	99
93) Benzo(a)pyrene	23.874	252	2730991	33.163	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.521	276	3039127	31.602	ng/ul	97
95) Dibenzo(a,h)anthracene	26.538	278	2785600	31.940	ng/ul	99
96) Benzo(g,h,i)perylene	27.297	276	2612080	31.331	ng/ul	99

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

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