Quantitation Report (Qedit)

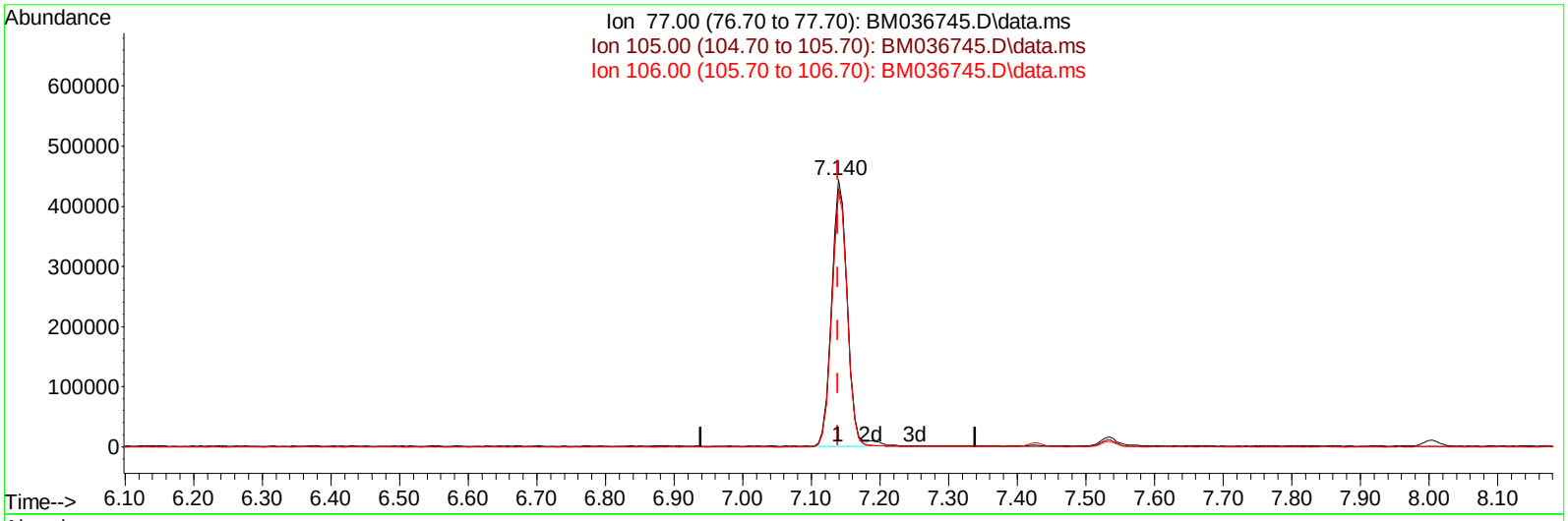
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092622\
Data File : BM036745.D
Acq On : 26 Sep 2022 14:57
Operator : CG/JU
Sample : PB147746BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

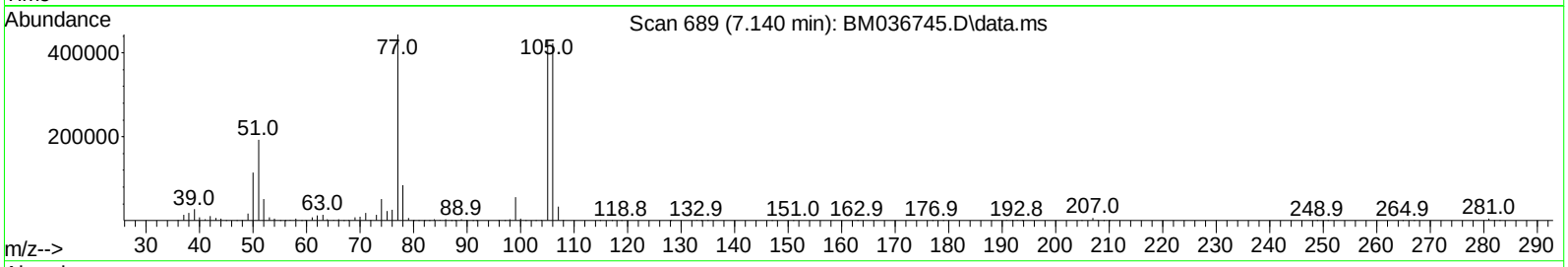
Quant Time: Sep 26 23:13:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 26 23:10:22 2022
Response via : Initial Calibration

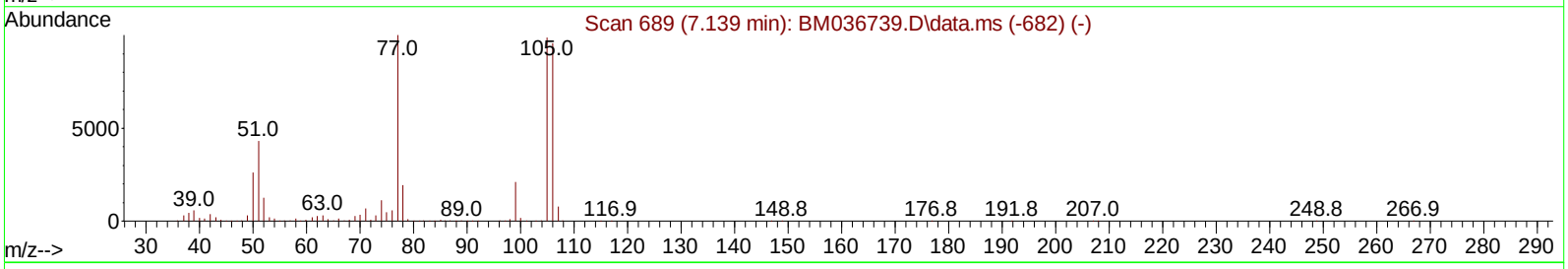
Instrument :
BNA_M
ClientSampleId :
SLCS746

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/27/2022
Supervised By :mohammad ahmed 09/28/2022







TIC: BM036745.D\data.ms

(6) Benzaldehyde

7.140min (+ 0.000) 37.00 ng/ul

response 696105

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	96.70
106.00	91.30	95.23
0.00	0.00	0.00

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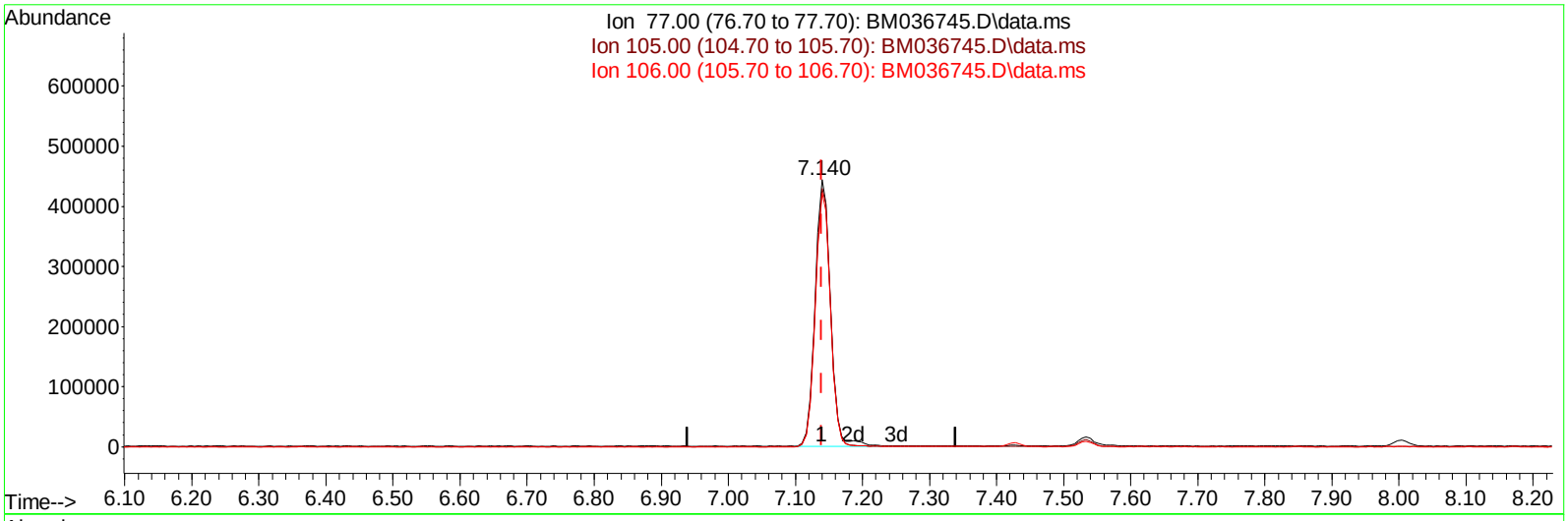

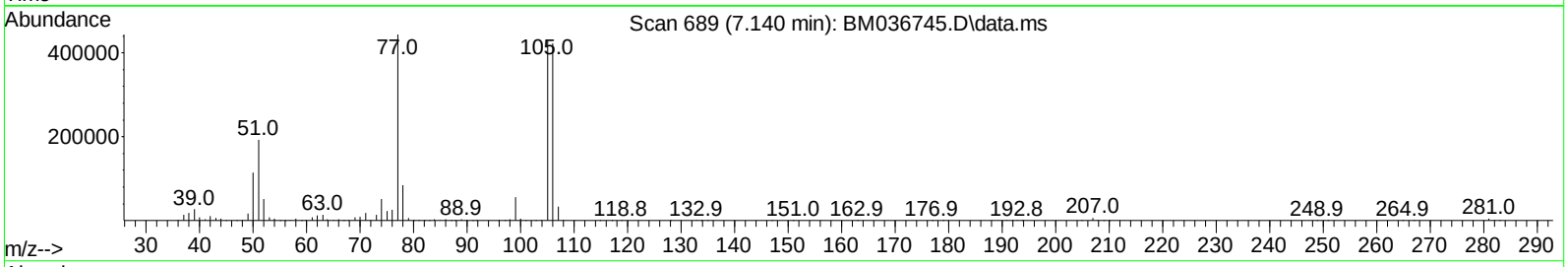

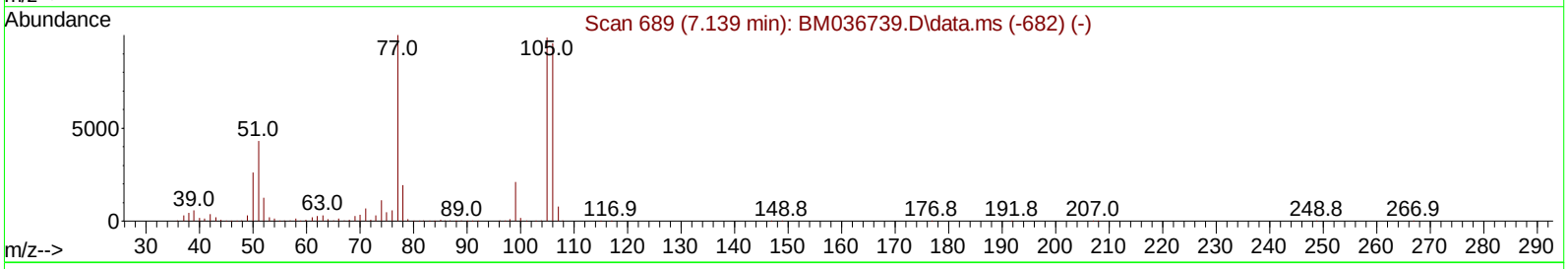

TIC: BM036745.D\data.ms

(6) Benzaldehyde

7.140min (+ 0.000) 37.76 ng/ul m

response 710480

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	96.70
106.00	91.30	95.23
0.00	0.00	0.00

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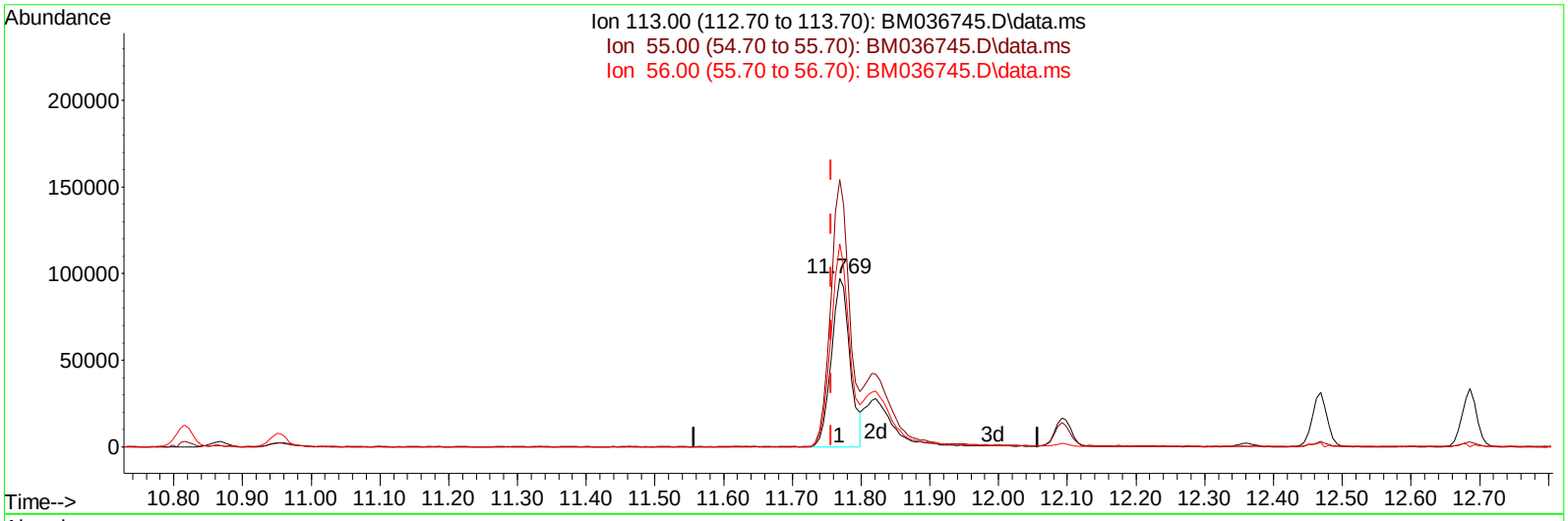

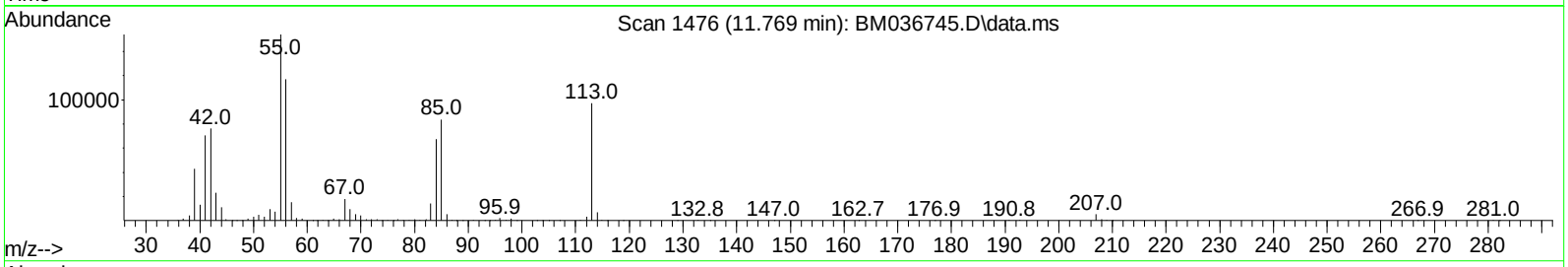

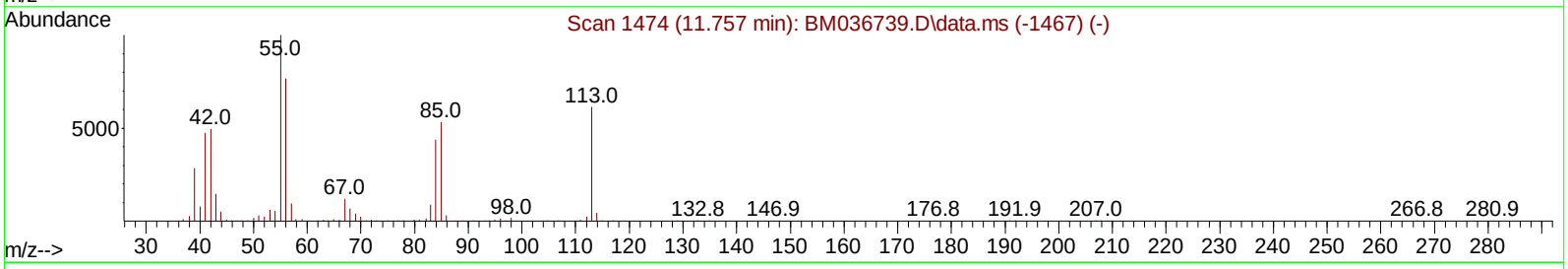

TIC: BM036745.D\data.ms

(34) Caprolactam

11.769min (+ 0.012) 20.66 ng/ul

response 182224

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	158.49
56.00	118.30	120.63
0.00	0.00	0.00

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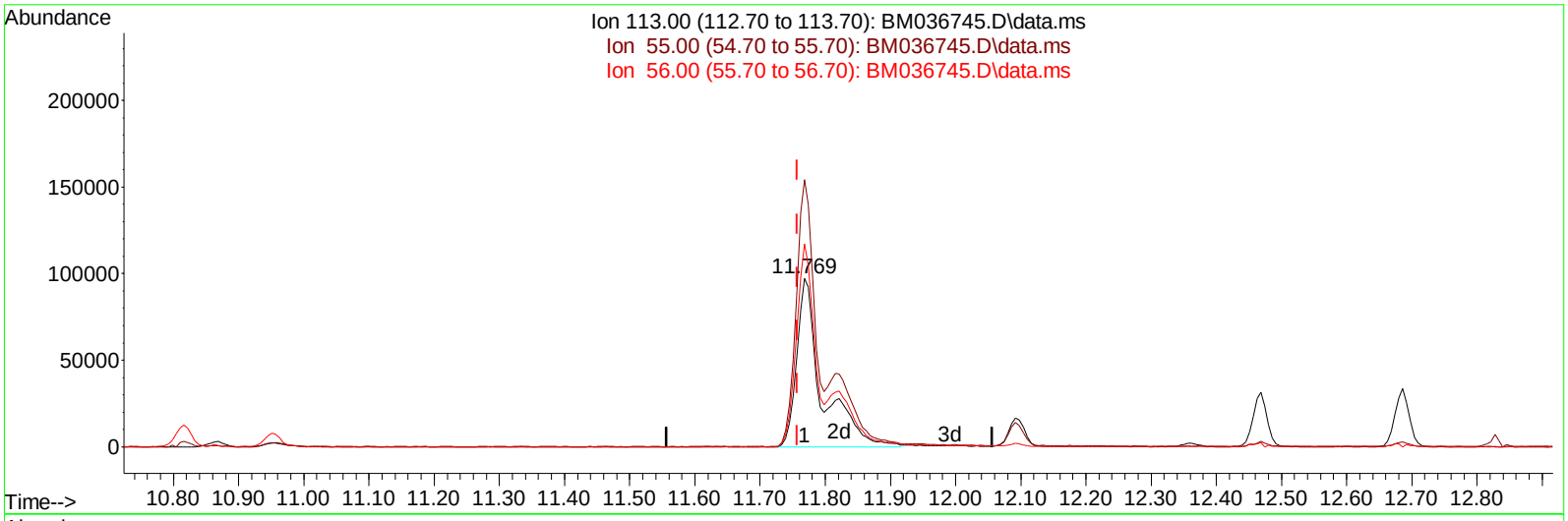

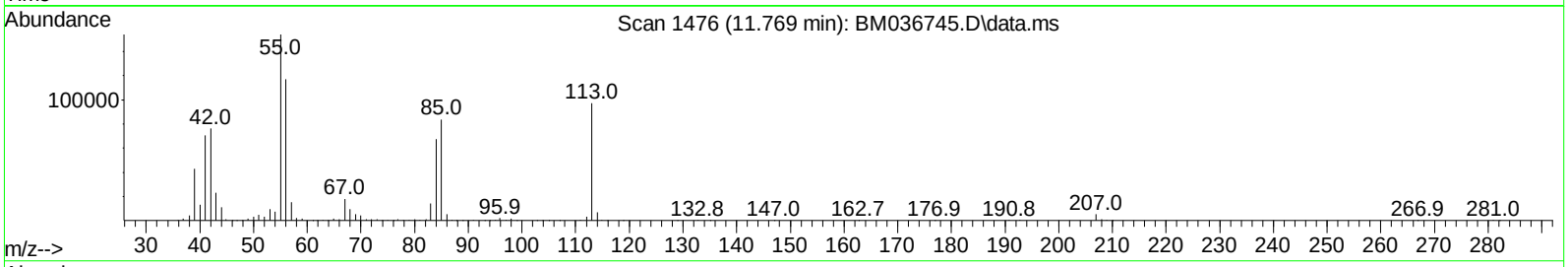

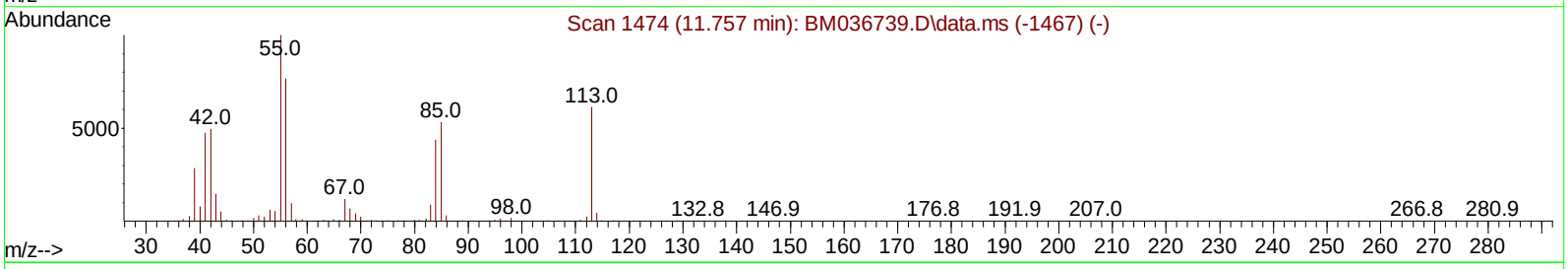

TIC: BM036745.D\data.ms

(34) Caprolactam

11.769min (+ 0.012) 29.49 ng/ul m

response 260126

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	158.49
56.00	118.30	120.63
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/27/2022
Supervised By :mohammad ahmed 09/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	434789	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1840759	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	1120182	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	2175529	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1725026	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	1407920	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	62423	5.382	ng/uL	0.00
4) Pyridine-d5	3.810	84	809179	23.922	ng/ul	0.00
7) Phenol-d5	7.163	99	1187118	30.553	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	711727	30.163	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	909892	32.527	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	911804	31.759	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	446043	35.800	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	436277	39.093	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	854089	33.023	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	1180214	27.446	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2402392	31.799	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	2869846	32.024	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	431536	29.449	ng/ul	0.00
60) Fluorene-d10	15.615	176	2100733	31.028	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	304906	35.424	ng/ul	0.00
73) Anthracene-d10	17.468	188	3118201	31.348	ng/ul	0.00
81) Pyrene-d10	19.750	212	3303859	38.931	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.809	264	2292205	33.324	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	131387	10.516	ng/uL	97
5) Pyridine	3.834	79	916026	26.955	ng/ul	95
6) Benzaldehyde	7.140	77	710480m	37.761	ng/ul	
8) Phenol	7.192	94	1219274	29.238	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.428	93	938324	28.920	ng/ul	99
12) 2-Chlorophenol	7.563	128	931777	30.792	ng/ul	100
13) 2-Methylphenol	8.445	108	894567	29.185	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.539	45	1111953	28.915	ng/ul	99
16) Acetophenone	8.834	105	1419273	28.501	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.828	70	711134	29.595	ng/ul	97
18) 4-Methylphenol	8.781	108	980890	29.593	ng/ul	99
19) Hexachloroethane	9.092	117	362575	29.582	ng/ul	93
22) Nitrobenzene	9.216	77	1066640	32.244	ng/ul	98
23) Isophorone	9.751	82	1957742	29.026	ng/ul	99
25) 2-Nitrophenol	9.928	139	475769	34.516	ng/ul	99
26) 2,4-Dimethylphenol	9.986	107	985664	28.993	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.228	93	1201812	29.894	ng/ul	99
29) 2,4-Dichlorophenol	10.463	162	842637	30.991	ng/ul	99
30) Naphthalene	10.869	128	2929650	29.215	ng/ul	100
32) 4-Chloroaniline	10.975	127	1195552	26.930	ng/ul	99
33) Hexachlorobutadiene	11.151	225	476404	28.648	ng/ul	99
34) Caprolactam	11.769	113	260126m	29.493	ng/ul	
35) 4-Chloro-3-methylphenol	12.092	107	919514	30.636	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/27/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.469	142	1950347	29.192	ng/ul	99
37) 1-Methylnaphthalene	12.686	142	1975316	29.409	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.833	216	936015	29.522	ng/ul	100
40) Hexachlorocyclopentadiene	12.810	237	397005	24.027	ng/ul	99
41) 2,4,6-Trichlorophenol	13.069	196	603892	31.108	ng/ul	100
42) 2,4,5-Trichlorophenol	13.139	196	662040	31.808	ng/ul	99
43) 1,1'-Biphenyl	13.469	154	2490249	30.157	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	1921726	29.658	ng/ul	98
45) 2-Nitroaniline	13.716	65	578273	36.258	ng/ul	98
47) Dimethylphthalate	14.092	163	2385462	29.766	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	460939	35.377	ng/ul	98
50) Acenaphthylene	14.357	152	2997532	29.256	ng/ul	99
51) 3-Nitroaniline	14.533	138	517972	33.146	ng/ul#	98
52) Acenaphthene	14.692	153	2105107	29.365	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	172550	29.846	ng/ul	97
55) 4-Nitrophenol	14.839	109	344223	27.480	ng/ul	98
56) Dibenzofuran	15.027	168	2811013	29.197	ng/ul	98
57) 2,4-Dinitrotoluene	14.992	165	662877	34.995	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.251	232	525548	30.164	ng/ul#	96
59) Diethylphthalate	15.451	149	2403558	29.960	ng/ul	100
61) Fluorene	15.674	166	2428047	29.611	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	1140581	29.085	ng/ul	100
63) 4-Nitroaniline	15.692	138	493433	32.500	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.751	198	311135	32.033	ng/ul	98
67) N-Nitrosodiphenylamine	15.880	169	1972322	30.781	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	641576	29.920	ng/ul	99
69) Hexachlorobenzene	16.668	284	726021	28.626	ng/ul	94
70) Atrazine	16.833	200	656939	29.054	ng/ul	98
71) Pentachlorophenol	17.015	266	412066	27.352	ng/ul	99
72) Phenanthrene	17.409	178	3635354	30.337	ng/ul	99
74) Anthracene	17.504	178	3659696	30.047	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.433	216	974608	32.754	ng/uL	100
76) Pentachlorobenzene	14.945	250	850447	26.426	ng/uL	99
77) Carbazole	17.768	167	3244037	28.767	ng/ul	100
78) Di-n-butylphthalate	18.333	149	4115255	32.197	ng/ul	100
80) Fluoranthene	19.415	202	3882303	37.332	ng/ul	99
82) Pyrene	19.780	202	4036984	36.673	ng/ul	98
83) Butylbenzylphthalate	20.674	149	1635797	39.217	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.450	252	1069017	31.716	ng/ul	98
85) Benzo(a)anthracene	21.521	228	3376755	31.242	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.444	149	2493219	40.918	ng/ul	99
87) Chrysene	21.574	228	3147878	30.684	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	3657396	43.089	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	2932622	32.847	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	2882044	32.306	ng/ul	98
93) Benzo(a)pyrene	23.862	252	2481131	31.612	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.509	276	2676682	29.203	ng/ul	96
95) Dibenzo(a,h)anthracene	26.526	278	2413000	29.030	ng/ul	99
96) Benzo(g,h,i)perylene	27.285	276	2334493	29.380	ng/ul	98

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

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