Quantitation Report (Qedit)

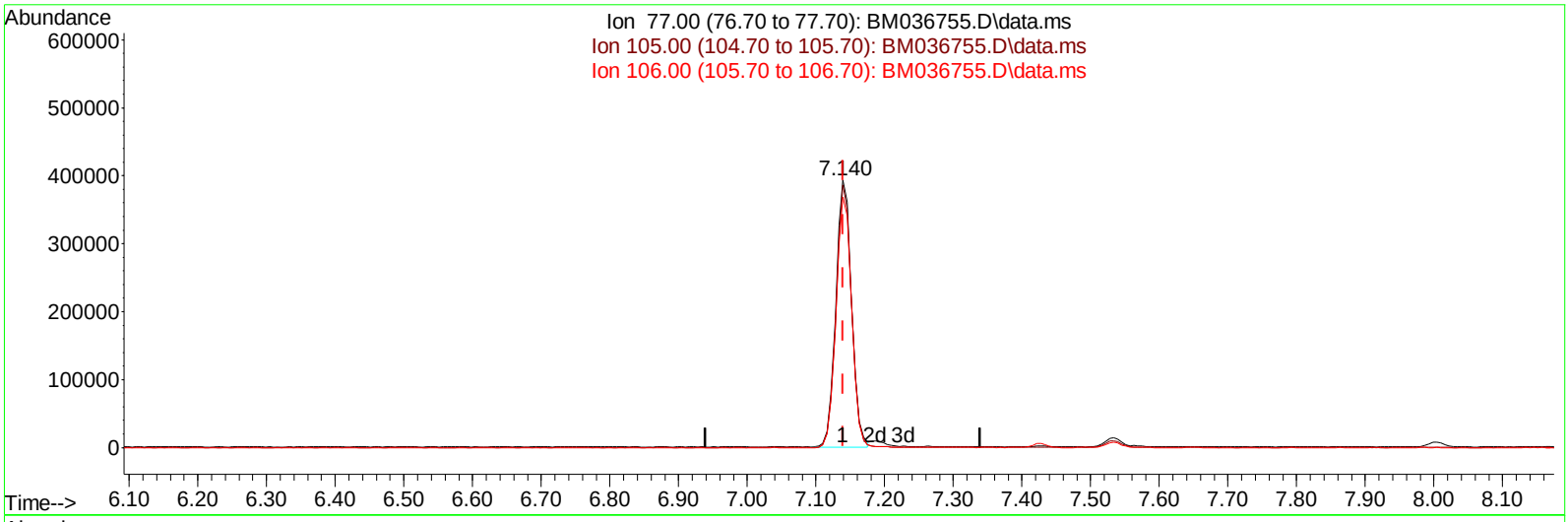
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092622\
Data File : BM036755.D
Acq On : 26 Sep 2022 21:12
Operator : CG/JU
Sample : PB147882BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

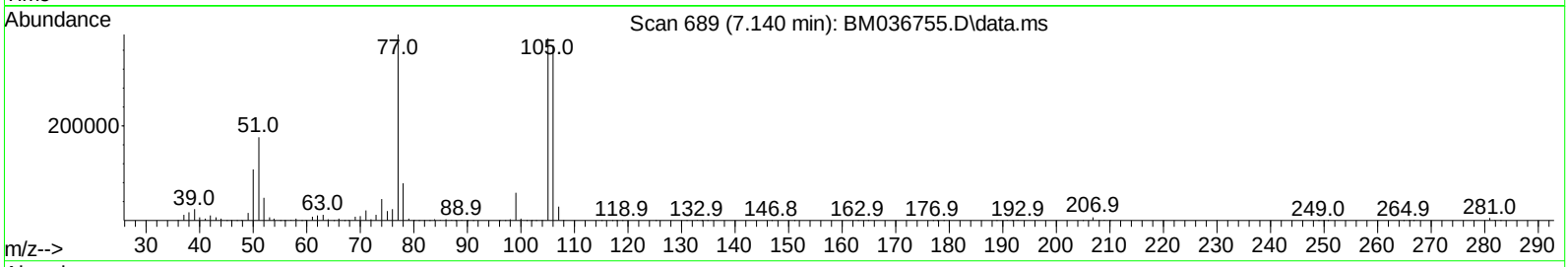
Quant Time: Sep 26 23:16:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 26 23:10:22 2022
Response via : Initial Calibration

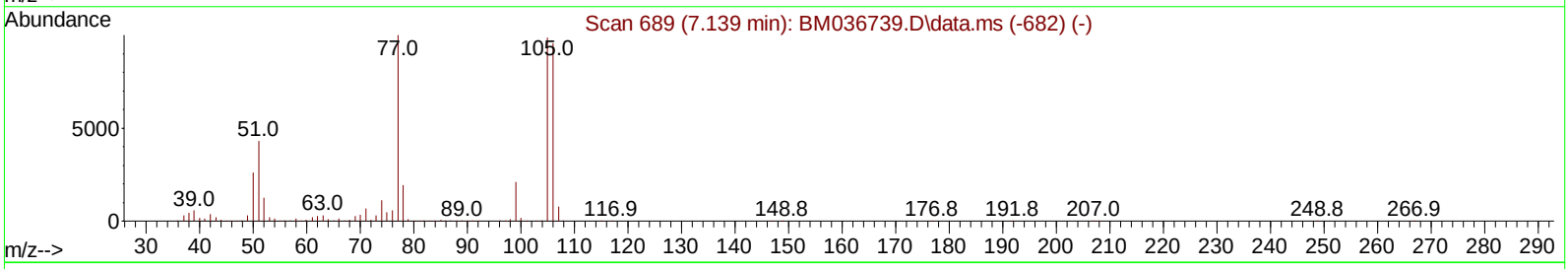
Instrument :
BNA_M
ClientSampleId :
SLCS882

Manual IntegrationsAPPROVED

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







TIC: BM036755.D\data.ms

(6) Benzaldehyde

7.140min (+ 0.000) 45.68 ng/ul

response 621187

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	98.10
106.00	91.30	93.77
0.00	0.00	0.00

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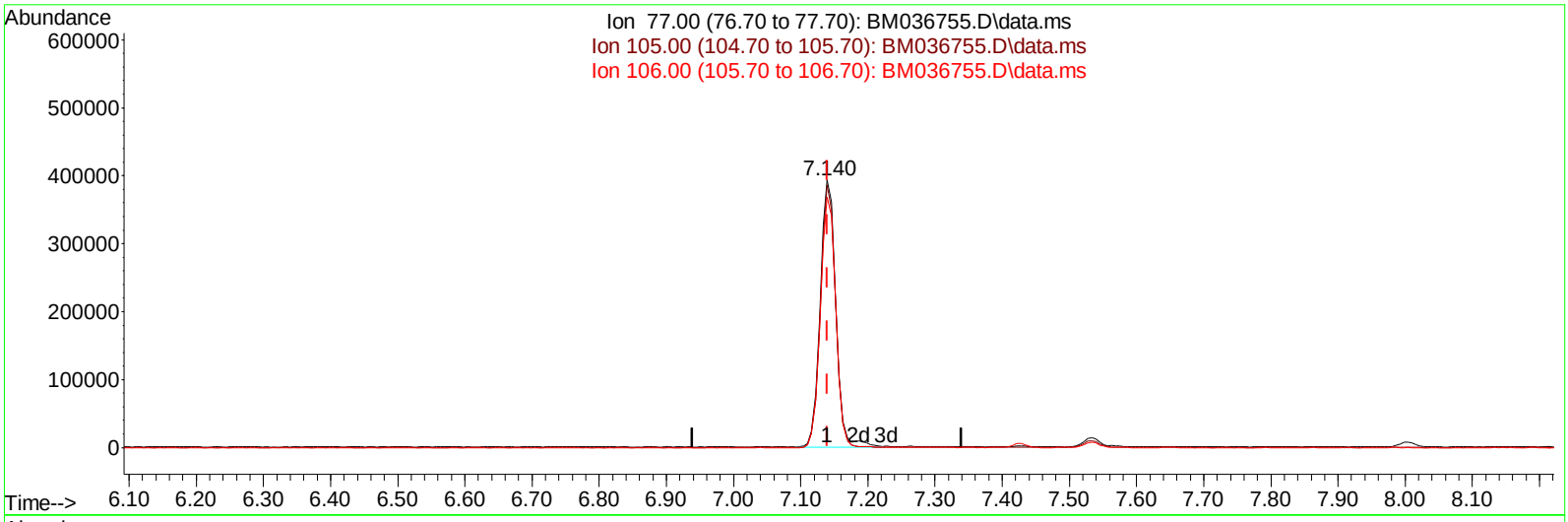

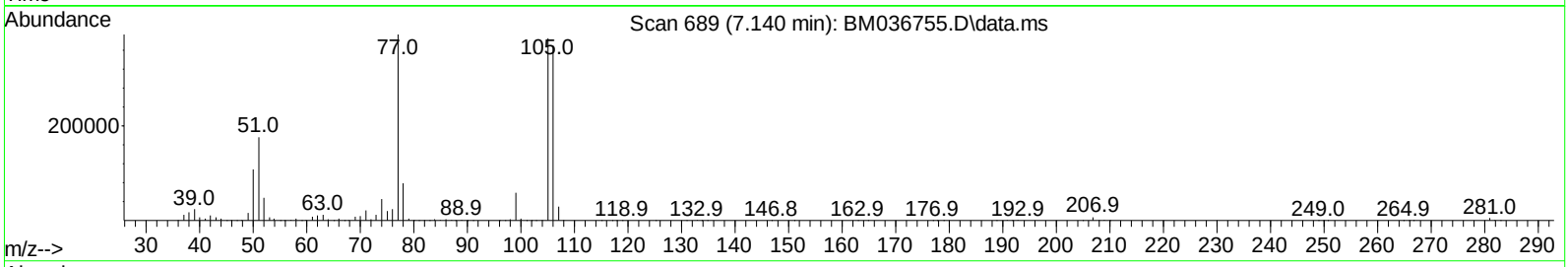

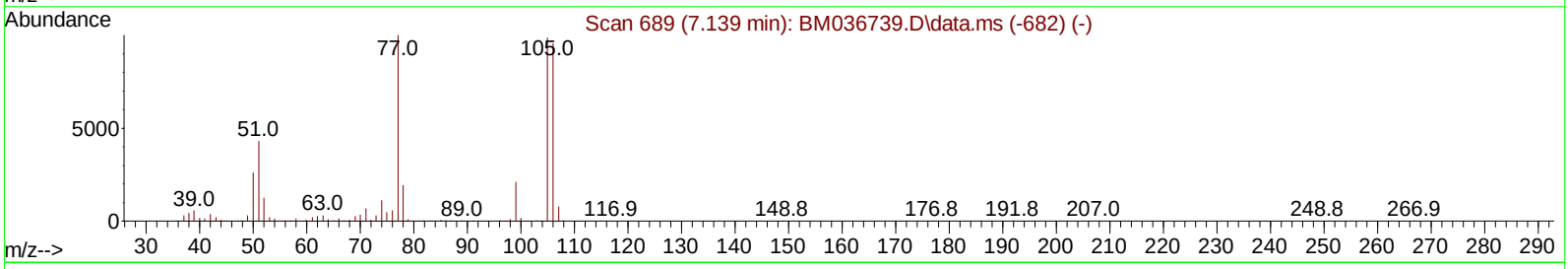

TIC: BM036755.D\data.ms

(6) Benzaldehyde

7.140min (+ 0.000) 46.89 ng/ul m

response 637525

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	98.10
106.00	91.30	93.77
0.00	0.00	0.00

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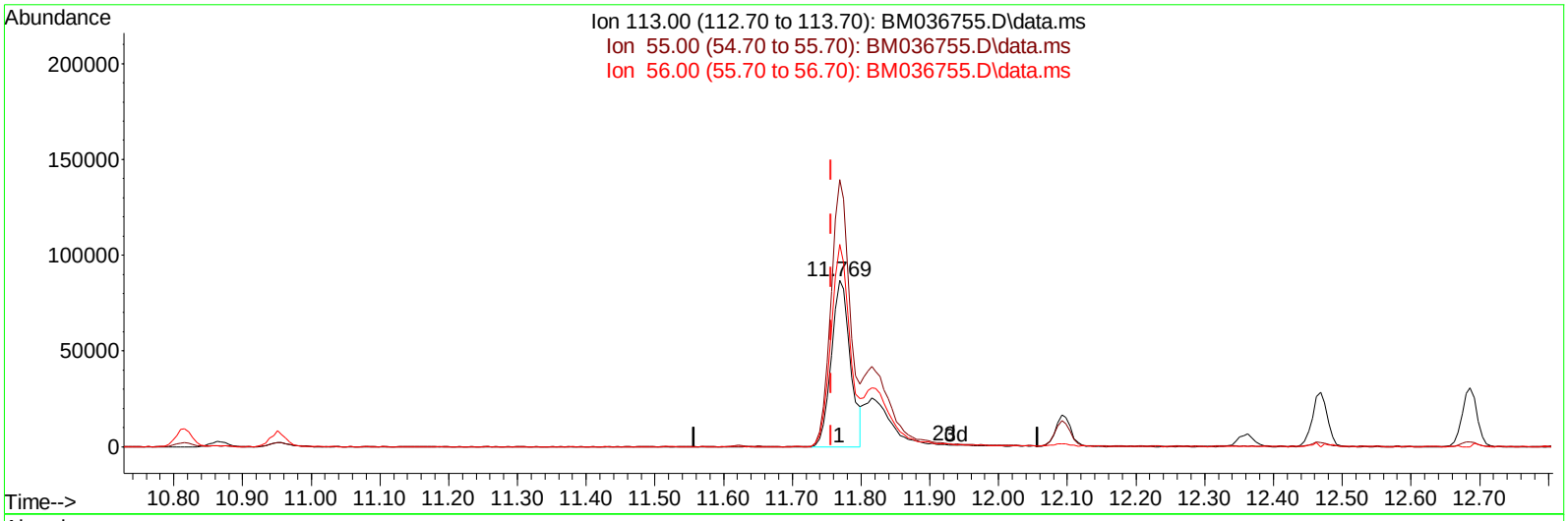

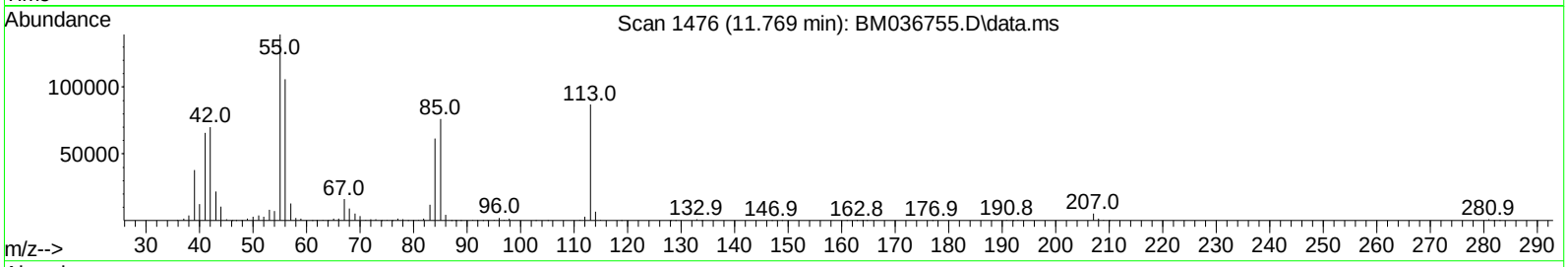

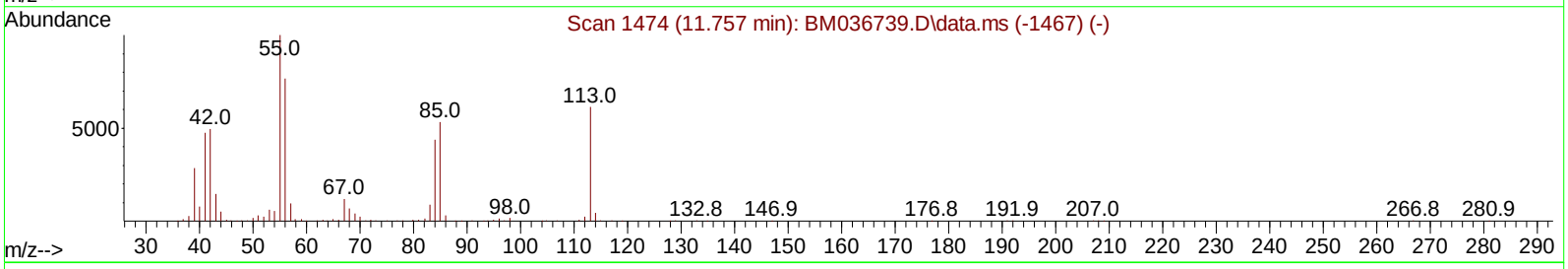

TIC: BM036755.D\data.ms

(34) Caprolactam

11.769min (+ 0.012) 25.23 ng/ul

response 165645

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	160.44
56.00	118.30	121.81
0.00	0.00	0.00

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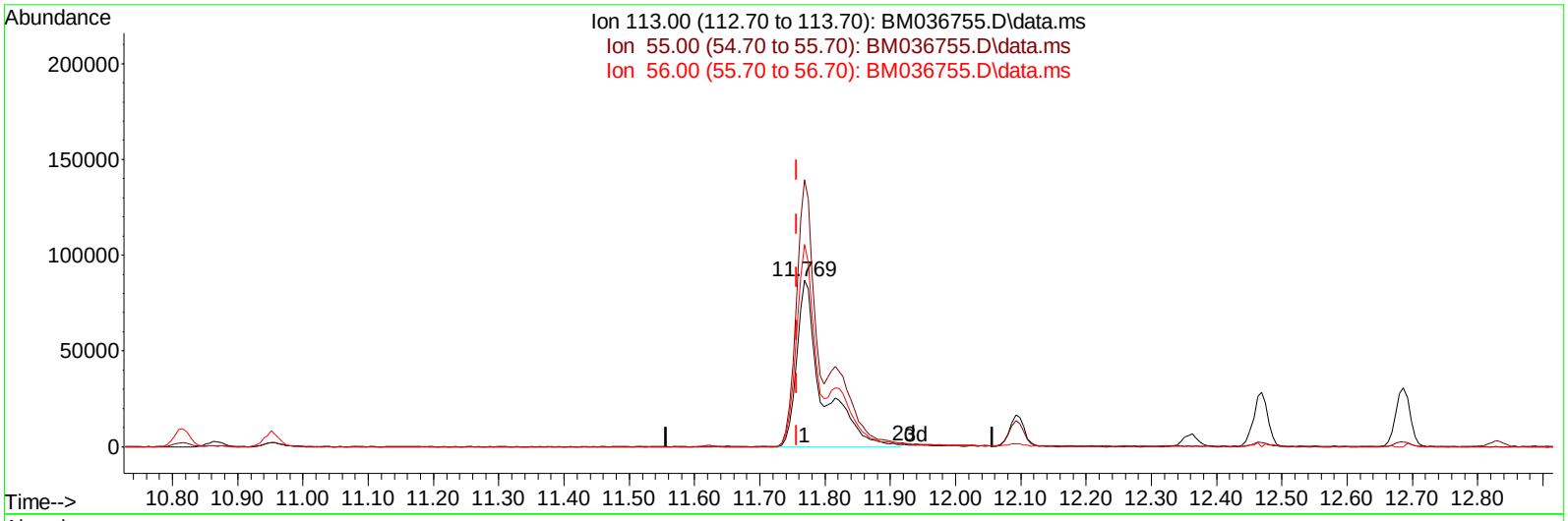

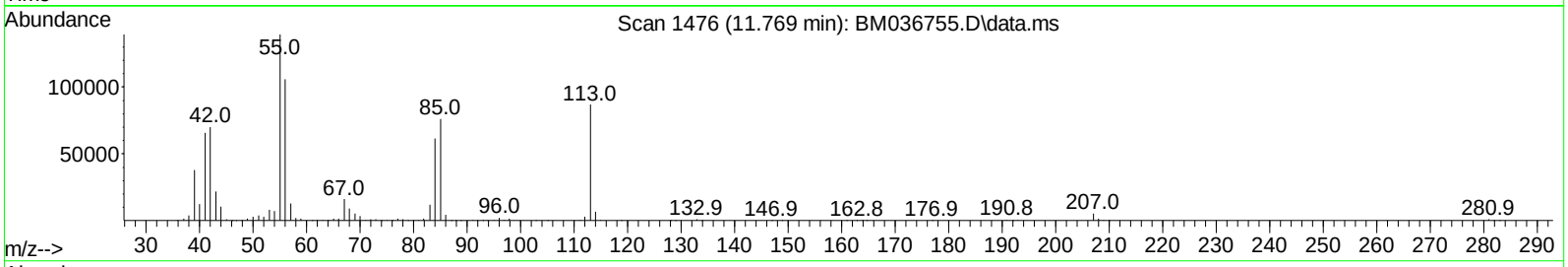

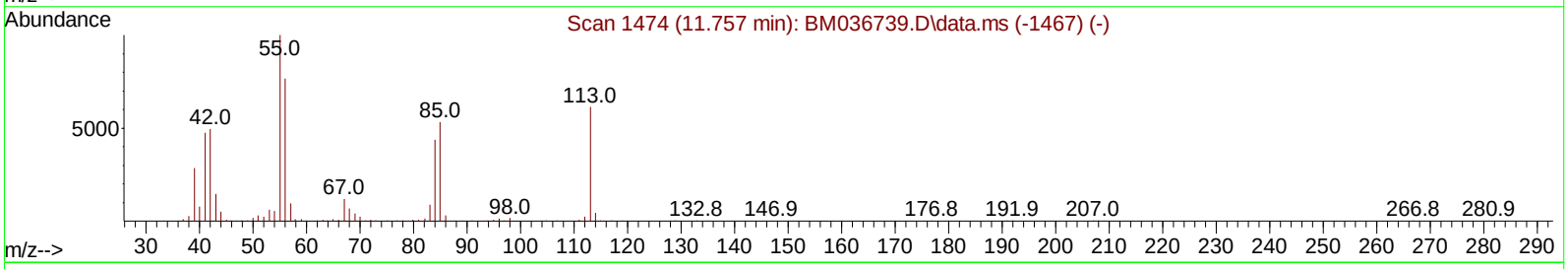

TIC: BM036755.D\data.ms

(34) Caprolactam

11.769min (+ 0.012) 36.11 ng/ul m

response 237039

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	160.44
56.00	118.30	121.81
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	314209	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1370141	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	845882	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	1655106	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1338959	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	1074849	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	56166	6.701	ng/uL	0.00
4) Pyridine-d5	3.810	84	753709	30.833	ng/ul	0.00
7) Phenol-d5	7.163	99	1117808	39.809	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	685027	40.172	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	854757	42.282	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	868989	41.884	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	424131	45.734	ng/ul	0.00
24) 2-Nitrophenol-d4	9.892	143	414850	49.941	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	808744	42.011	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	1087525	33.978	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2328654	40.818	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	2809208	41.513	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	418584	37.828	ng/ul	0.00
60) Fluorene-d10	15.615	176	2037930	39.861	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	294396	44.957	ng/ul	0.00
73) Anthracene-d10	17.468	188	3025191	39.976	ng/ul	0.00
81) Pyrene-d10	19.750	212	3271997	49.672	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.809	264	2247648	42.802	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	111801	12.383	ng/uL	98
5) Pyridine	3.834	79	793332	32.303	ng/ul	95
6) Benzaldehyde	7.140	77	637525m	46.887	ng/ul	
8) Phenol	7.192	94	1100922	36.531	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.428	93	855311	36.477	ng/ul	99
12) 2-Chlorophenol	7.563	128	843055	38.552	ng/ul	100
13) 2-Methylphenol	8.445	108	809296	36.535	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.534	45	1036737	37.305	ng/ul	99
16) Acetophenone	8.834	105	1299263	36.103	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.822	70	661941	38.120	ng/ul	98
18) 4-Methylphenol	8.781	108	890405	37.172	ng/ul	98
19) Hexachloroethane	9.086	117	326682	36.882	ng/ul	99
22) Nitrobenzene	9.216	77	981694	39.870	ng/ul	98
23) Isophorone	9.745	82	1807944	36.012	ng/ul	100
25) 2-Nitrophenol	9.928	139	437197	42.612	ng/ul	100
26) 2,4-Dimethylphenol	9.986	107	919544	36.338	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.228	93	1118269	37.371	ng/ul	99
29) 2,4-Dichlorophenol	10.463	162	772750	38.183	ng/ul	100
30) Naphthalene	10.869	128	2714100	36.362	ng/ul	100
32) 4-Chloroaniline	10.975	127	1076894	32.589	ng/ul	99
33) Hexachlorobutadiene	11.151	225	434600	35.111	ng/ul	99
34) Caprolactam	11.769	113	237039m	36.107	ng/ul	
35) 4-Chloro-3-methylphenol	12.092	107	854302	38.240	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	1810767	36.412	ng/ul	99
37) 1-Methylnaphthalene	12.686	142	1832757	36.659	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.833	216	871140	36.386	ng/ul	100
40) Hexachlorocyclopentadiene	12.810	237	386773	30.998	ng/ul	99
41) 2,4,6-Trichlorophenol	13.069	196	563956	38.471	ng/ul	99
42) 2,4,5-Trichlorophenol	13.139	196	614845	39.120	ng/ul	98
43) 1,1'-Biphenyl	13.469	154	2308518	37.022	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	1784022	36.461	ng/ul	100
45) 2-Nitroaniline	13.716	65	536110	44.515	ng/ul	97
47) Dimethylphthalate	14.092	163	2219272	36.672	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	427141	43.413	ng/ul	99
50) Acenaphthylene	14.357	152	2816848	36.408	ng/ul	99
51) 3-Nitroaniline	14.533	138	465445	39.444	ng/ul#	98
52) Acenaphthene	14.692	153	1975105	36.485	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	158776	36.369	ng/ul	96
55) 4-Nitrophenol	14.839	109	321943	34.036	ng/ul	98
56) Dibenzofuran	15.027	168	2641048	36.328	ng/ul	98
57) 2,4-Dinitrotoluene	14.992	165	618490	43.240	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.251	232	498032	37.855	ng/ul#	99
59) Diethylphthalate	15.451	149	2252865	37.188	ng/ul	99
61) Fluorene	15.674	166	2279776	36.819	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.668	204	1073271	36.244	ng/ul	99
63) 4-Nitroaniline	15.698	138	466726	40.709	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.751	198	290317	39.288	ng/ul	100
67) N-Nitrosodiphenylamine	15.880	169	1852267	37.997	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	589729	36.150	ng/ul	97
69) Hexachlorobenzene	16.668	284	678469	35.163	ng/ul	93
70) Atrazine	16.833	200	619937	36.039	ng/ul	98
71) Pentachlorophenol	17.015	266	382481	33.372	ng/ul	99
72) Phenanthrene	17.409	178	3428147	37.604	ng/ul	99
74) Anthracene	17.504	178	3431706	37.034	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.433	216	903443	39.910	ng/uL	99
76) Pentachlorobenzene	14.945	250	800237	32.684	ng/uL	98
77) Carbazole	17.768	167	3073117	35.820	ng/ul	100
78) Di-n-butylphthalate	18.333	149	3849433	39.587	ng/ul	100
80) Fluoranthene	19.415	202	3698982	45.825	ng/ul	100
82) Pyrene	19.780	202	3852029	45.083	ng/ul	99
83) Butylbenzylphthalate	20.674	149	1551529	47.921	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.450	252	980228	37.467	ng/ul	99
85) Benzo(a)anthracene	21.515	228	3190427	38.030	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.444	149	2403029	50.810	ng/ul	99
87) Chrysene	21.574	228	2997698	37.645	ng/ul	100
89) Di-n-octyl phthalate	22.386	149	3546266	54.726	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	2823342	41.422	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	2658014	39.027	ng/ul	98
93) Benzo(a)pyrene	23.862	252	2328341	38.858	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.503	276	2460685	35.166	ng/ul	95
95) Dibenzo(a,h)anthracene	26.521	278	2219018	34.968	ng/ul	99
96) Benzo(g,h,i)perylene	27.279	276	2149114	35.428	ng/ul	98

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

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