Quantitation Report (Qedit)

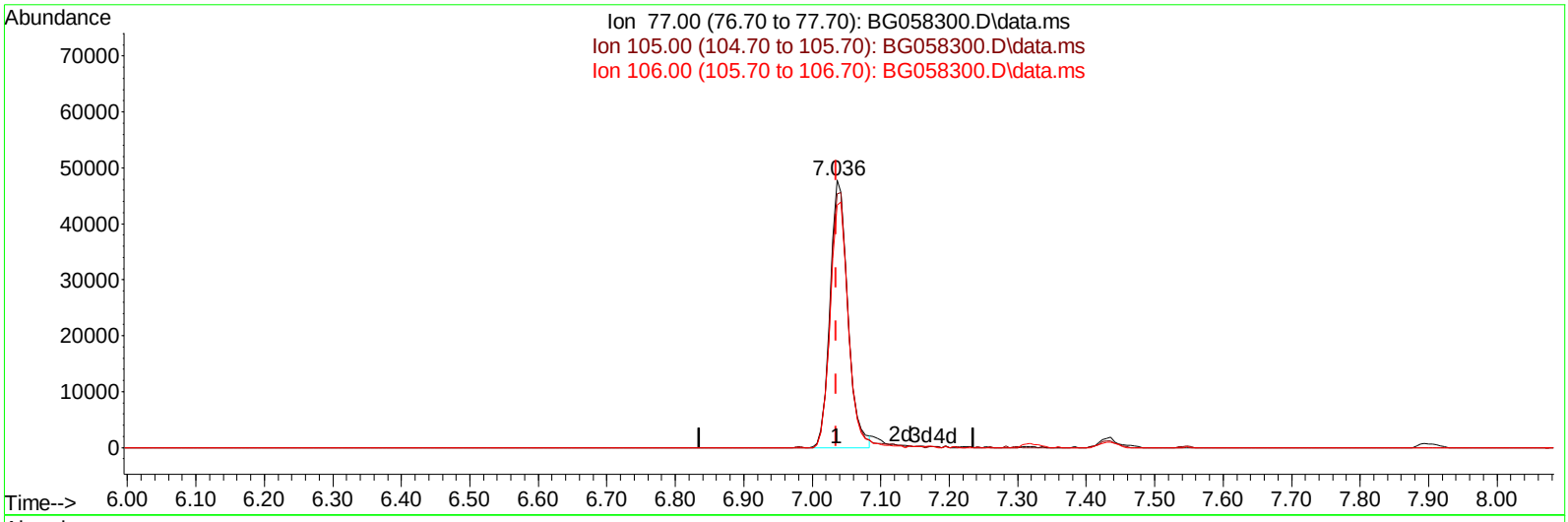
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058300.D
Acq On : 18 Jul 2023 14:16
Operator : CG/JU
Sample : 03444-09MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

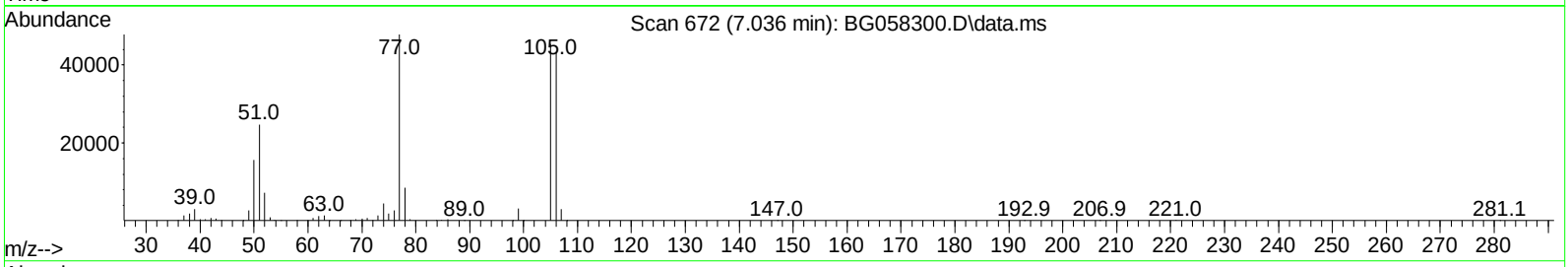
Quant Time: Jul 19 04:15:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration

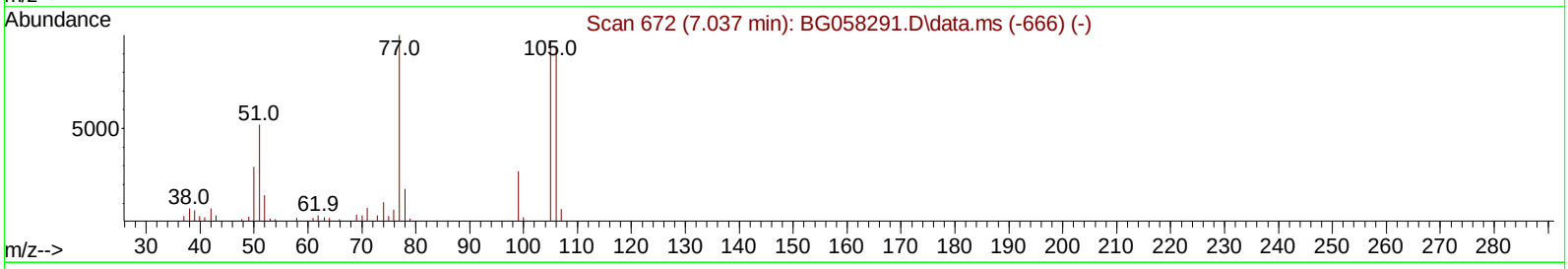
Instrument :
BNA_G
ClientSampleId :
A46Q1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023







TIC: BG058300.D\data.ms

(6) Benzaldehyde

7.036min (+ 0.001) 55.89 ng/ul

response 85629

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.80	94.91
106.00	89.50	90.63
0.00	0.00	0.00

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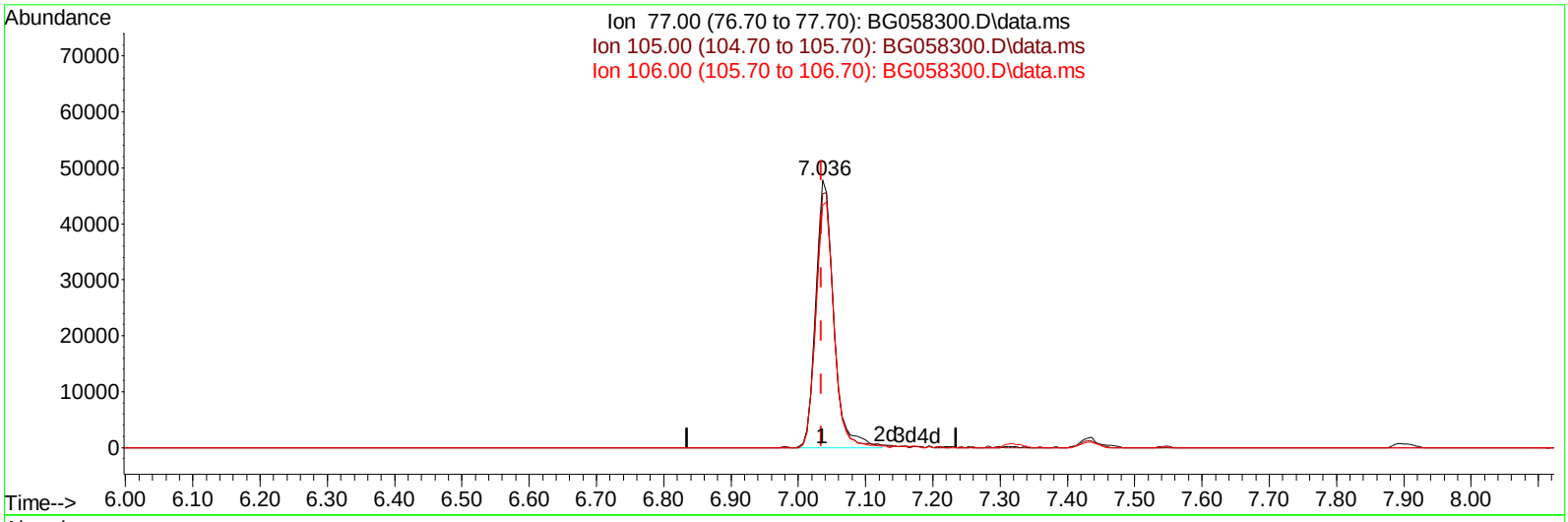

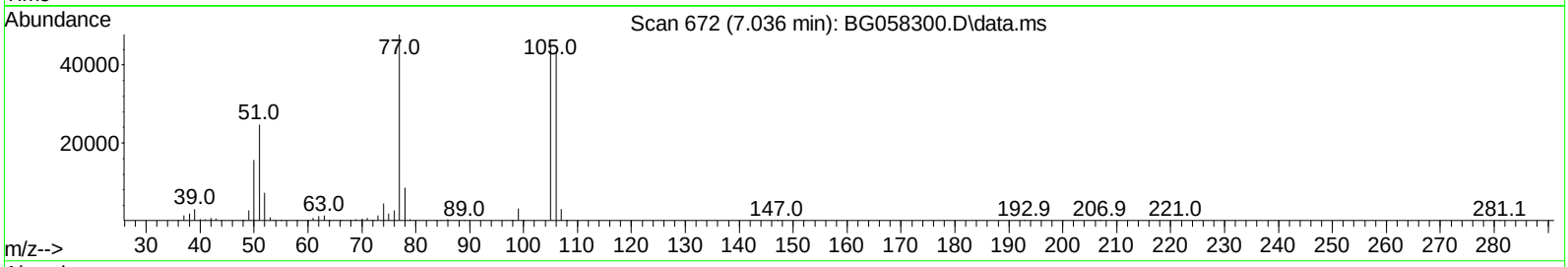

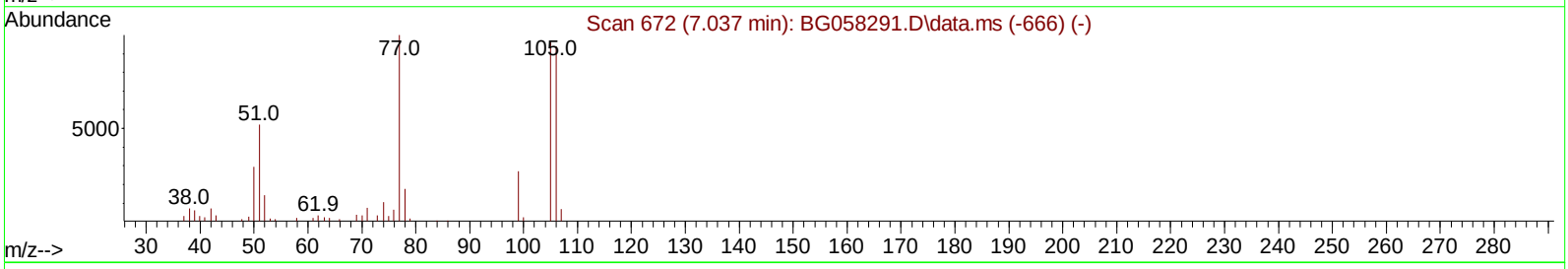

TIC: BG058300.D\data.ms

(6) Benzaldehyde

7.036min (+ 0.001) 57.57 ng/ul m

response 88209

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.80	94.91
106.00	89.50	90.63
0.00	0.00	0.00

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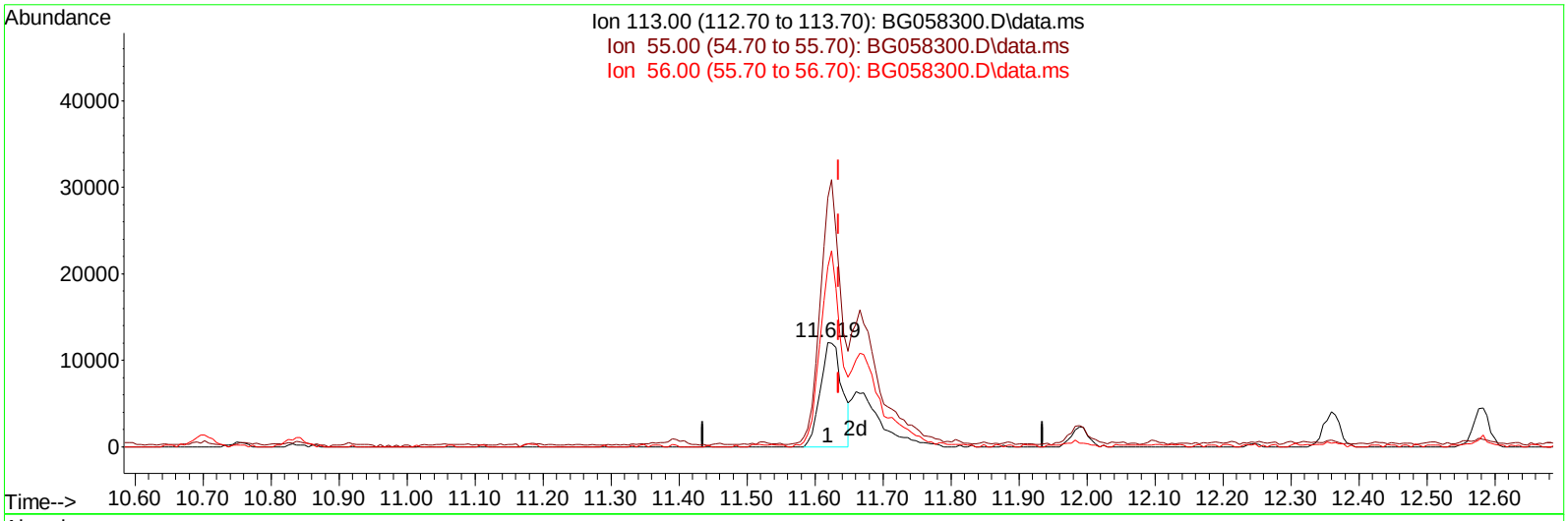

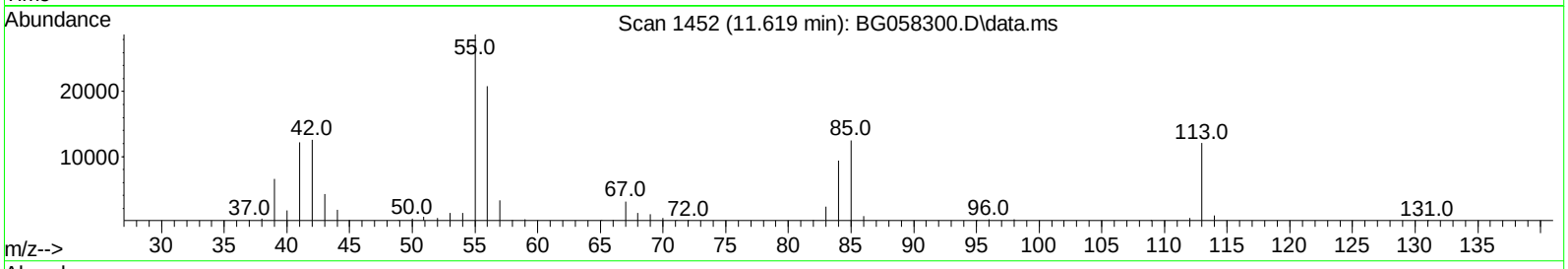

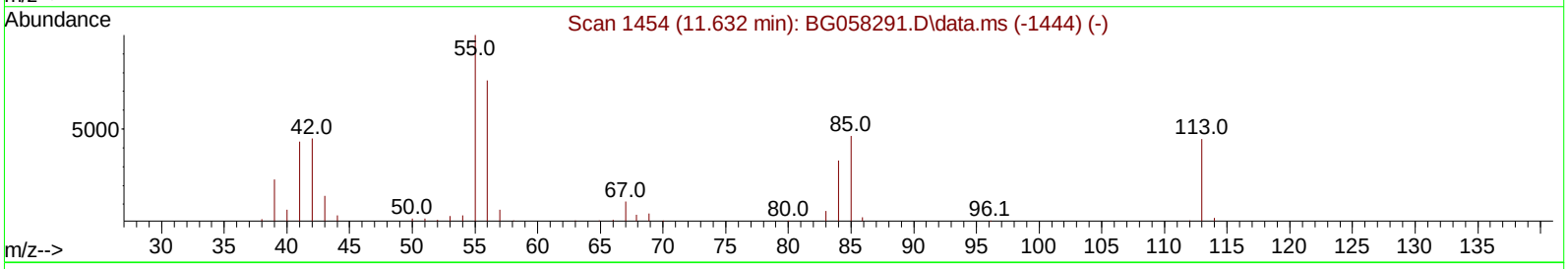

TIC: BG058300.D\data.ms

(34) Caprolactam

11.619min (-0.017) 24.01 ng/ul

response 26609

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.70	238.18
56.00	165.30	172.32
0.00	0.00	0.00

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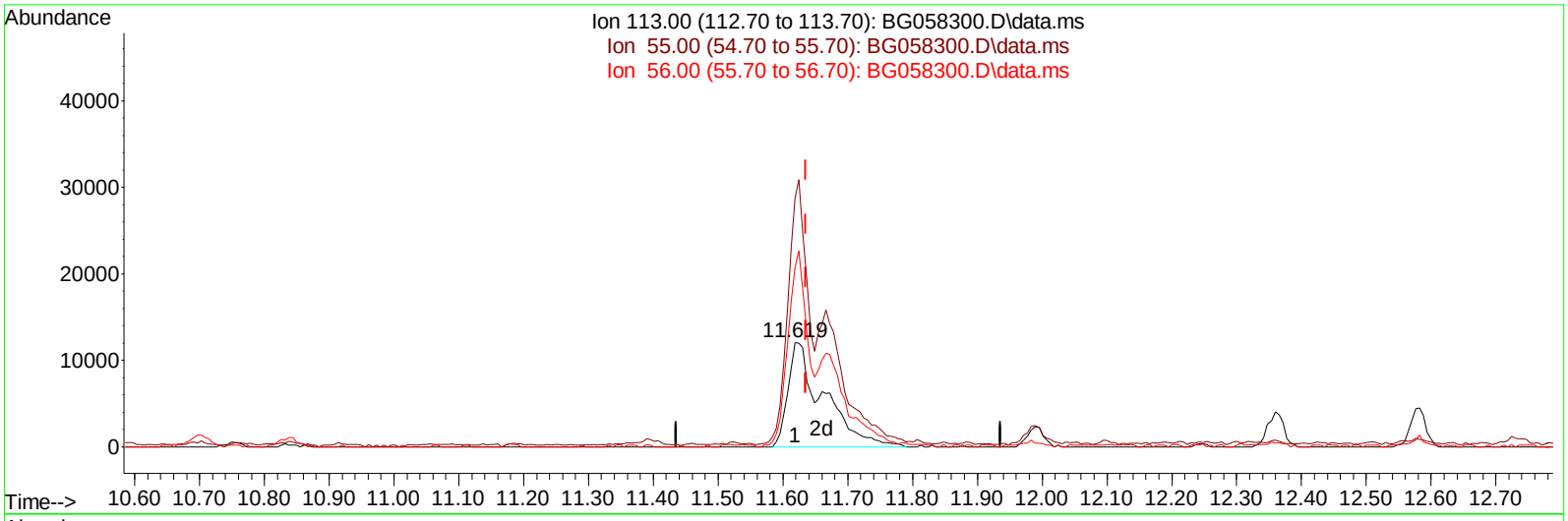

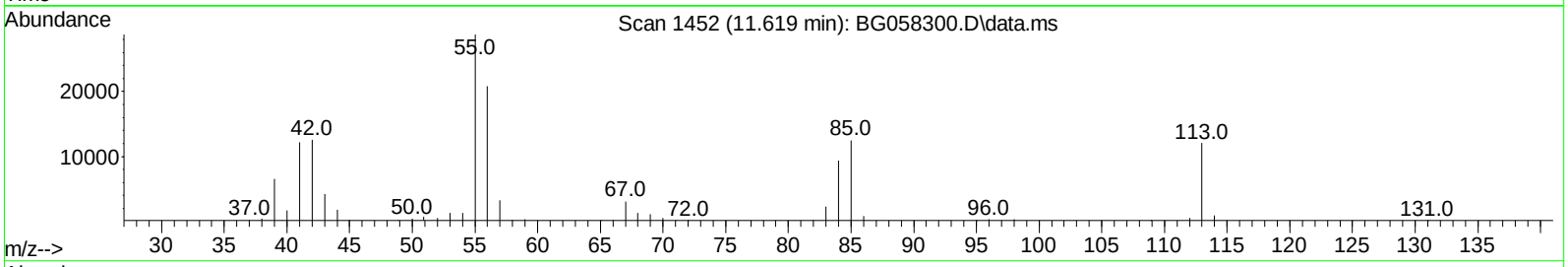

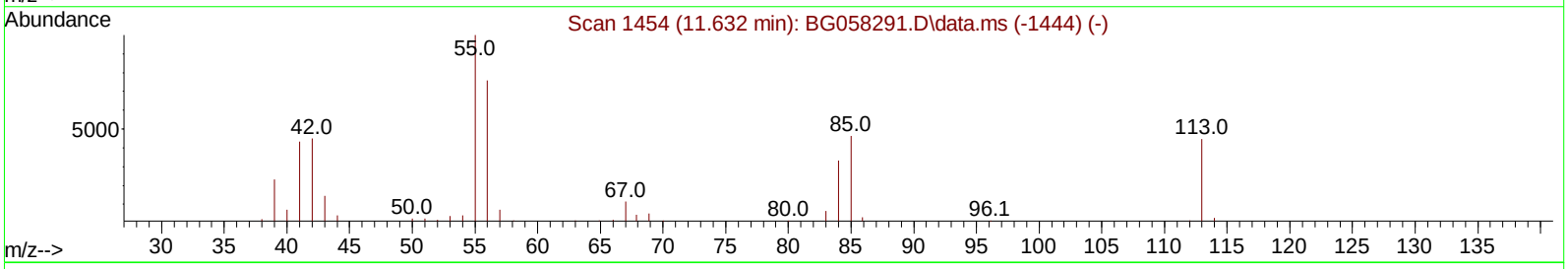

TIC: BG058300.D\data.ms

(34) Caprolactam

11.619min (-0.017) 41.37 ng/ul m

response 45850

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.70	238.18
56.00	165.30	172.32
0.00	0.00	0.00

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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	7.900	152	39994	20.000	ng/ul	0.00
20) Naphthalene-d8	10.702	136	179211	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.533	164	124480	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.283	188	287886	20.000	ng/ul	0.00
79) Chrysene-d12	21.531	240	236696	20.000	ng/ul	0.00
88) Perylene-d12	24.663	264	293799	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	6371	5.863	ng/uL	0.00
4) Pyridine-d5	3.752	84	105776	32.796	ng/ul	0.00
7) Phenol-d5	7.066	99	155705	41.040	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	96706	40.782	ng/ul	0.00
11) 2-Chlorophenol-d4	7.430	132	109409	41.197	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	107354	37.096	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	57668	42.930	ng/ul	0.00
24) 2-Nitrophenol-d4	9.786	143	63884	43.563	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	122674	43.637	ng/ul	0.00
31) 4-Chloroaniline-d4	10.838	131	143980	35.329	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	381512	39.745	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	438249	43.566	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	62784	43.310	ng/ul	0.00
60) Fluorene-d10	15.526	176	341811	43.011	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	64201	43.771	ng/ul	0.00
73) Anthracene-d10	17.383	188	511833	41.147	ng/ul	0.00
81) Pyrene-d10	19.668	212	605859	43.337	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.457	264	631142	44.446	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.376	88	17534	14.226	ng/uL#	92
5) Pyridine	3.769	79	128099	37.609	ng/ul	98
6) Benzaldehyde	7.036	77	88209m	57.570	ng/ul	
8) Phenol	7.089	94	170790	43.348	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.318	93	130463	43.223	ng/ul	97
12) 2-Chlorophenol	7.465	128	118327	42.565	ng/ul	99
13) 2-Methylphenol	8.340	108	117401	38.232	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.423	45	213527	43.168	ng/ul	100
16) Acetophenone	8.722	105	206627	41.926	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.705	70	110892	41.112	ng/ul	98
18) 4-Methylphenol	8.670	108	135974	40.745	ng/ul	97
19) Hexachloroethane	8.981	117	47455	43.307	ng/ul	92
22) Nitrobenzene	9.104	77	161706	45.141	ng/ul	99
23) Isophorone	9.621	82	333414	41.514	ng/ul	99
25) 2-Nitrophenol	9.815	139	72380	46.207	ng/ul	96
26) 2,4-Dimethylphenol	9.874	107	55812	15.980	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.109	93	183385	43.115	ng/ul	99
29) 2,4-Dichlorophenol	10.350	162	119981	44.967	ng/ul	98
30) Naphthalene	10.749	128	421867	44.041	ng/ul	99
32) 4-Chloroaniline	10.861	127	123924	29.752	ng/ul	100
33) Hexachlorobutadiene	11.031	225	87798	46.017	ng/ul	97
34) Caprolactam	11.619	113	45850m	41.373	ng/ul	
35) 4-Chloro-3-methylphenol	11.989	107	146753	43.218	ng/ul	97

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/19/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.359	142	288358	44.932	ng/ul	98
37) 1-Methylnaphthalene	12.583	142	292337	44.445	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.729	216	169659	47.082	ng/ul	99
40) Hexachlorocyclopentadiene	12.706	237	70704	36.481	ng/ul	98
41) 2,4,6-Trichlorophenol	12.970	196	109947	45.072	ng/ul	96
42) 2,4,5-Trichlorophenol	13.047	196	120034	46.146	ng/ul	97
43) 1,1'-Biphenyl	13.370	154	380002	45.145	ng/ul	100
44) 2-Chloronaphthalene	13.411	162	310773	46.436	ng/ul	96
45) 2-Nitroaniline	13.617	65	110125	47.372	ng/ul	96
47) Dimethylphthalate	13.987	163	400265	41.514	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	88847	47.686	ng/ul	92
50) Acenaphthylene	14.257	152	485695	44.730	ng/ul	99
51) 3-Nitroaniline	14.445	138	81717	52.629	ng/ul	95
52) Acenaphthene	14.604	153	339806	45.073	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	45846	46.235	ng/ul#	59
55) 4-Nitrophenol	14.757	109	50133	44.904	ng/ul	94
56) Dibenzofuran	14.939	168	477310	44.464	ng/ul	100
57) 2,4-Dinitrotoluene	14.903	165	122997	45.770	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.162	232	100996	42.025	ng/ul#	97
59) Diethylphthalate	15.350	149	412193	41.498	ng/ul	99
61) Fluorene	15.585	166	385294	43.768	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.573	204	205971	44.073	ng/ul	98
63) 4-Nitroaniline	15.608	138	81381	57.924	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.667	198	74100	49.105	ng/ul	98
67) N-Nitrosodiphenylamine	15.791	169	312084	43.733	ng/ul	98
68) 4-Bromophenyl-phenylether	16.466	248	141208	46.309	ng/ul	95
69) Hexachlorobenzene	16.590	284	156156	45.384	ng/ul	99
70) Atrazine	16.737	200	69490	24.837	ng/ul	95
71) Pentachlorophenol	16.930	266	78793	40.796	ng/ul	94
72) Phenanthrene	17.324	178	622846	45.526	ng/ul	99
74) Anthracene	17.418	178	582597	42.419	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.335	216	177708	49.213	ng/uL	96
76) Pentachlorobenzene	14.856	250	421927	106.849	ng/uL	96
77) Carbazole	17.688	167	547381	45.976	ng/ul	98
78) Di-n-butylphthalate	18.235	149	686833	45.400	ng/ul	99
80) Fluoranthene	19.333	202	738350	46.102	ng/ul	99
82) Pyrene	19.698	202	737757	45.463	ng/ul	99
83) Butylbenzylphthalate	20.579	149	302200	47.293	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.431	252	223141	42.232	ng/ul	99
85) Benzo(a)anthracene	21.513	228	724828	45.559	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.413	149	454623	50.020	ng/ul	98
87) Chrysene	21.578	228	686322	45.480	ng/ul	98
89) Di-n-octyl phthalate	22.589	149	761559	48.717	ng/ul	100
90) Benzo(b)fluoranthene	23.670	252	782539	46.035	ng/ul	99
91) Benzo(k)fluoranthene	23.734	252	751403	44.320	ng/ul	100
93) Benzo(a)pyrene	24.522	252	677356	44.801	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.241	276	923740	46.371	ng/ul	100
95) Dibenzo(a,h)anthracene	28.299	278	753851	46.149	ng/ul	99
96) Benzo(g,h,i)perylene	29.363	276	766289	47.214	ng/ul	98

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

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