Quantitation Report (Qedit)

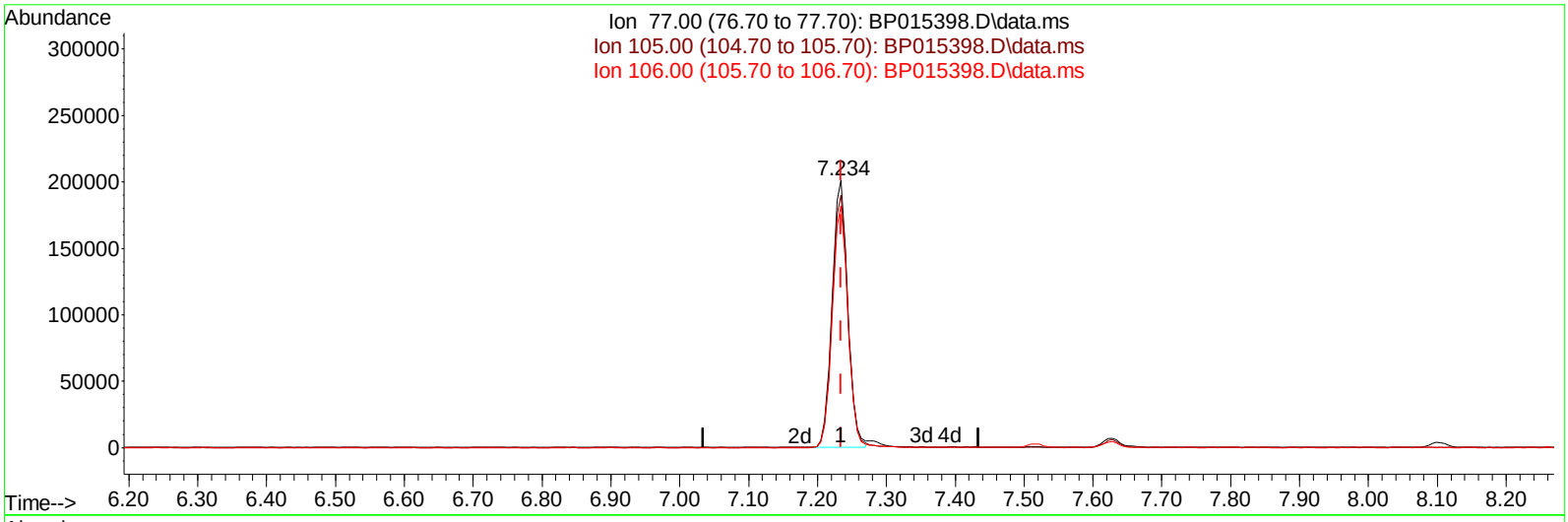
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
Data File : BP015398.D
Acq On : 07 Jun 2023 14:46
Operator : MA/JU
Sample : PB153099BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

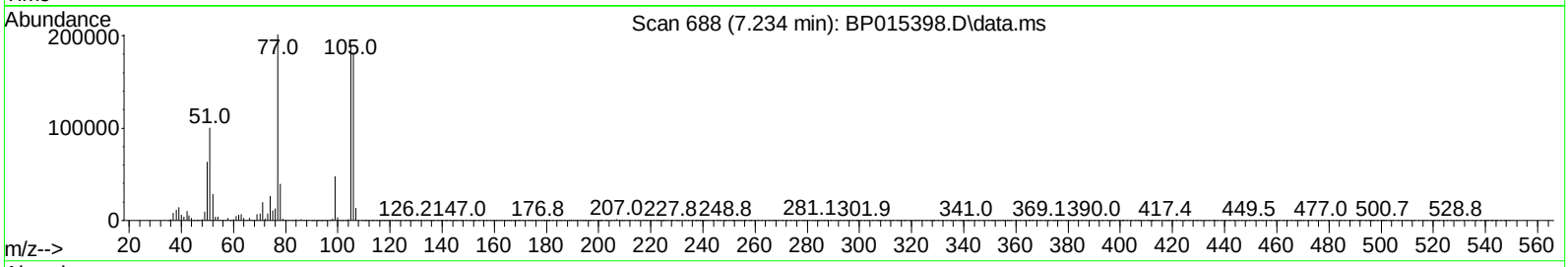
Quant Time: Jun 08 00:10:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 07 23:46:15 2023
Response via : Initial Calibration

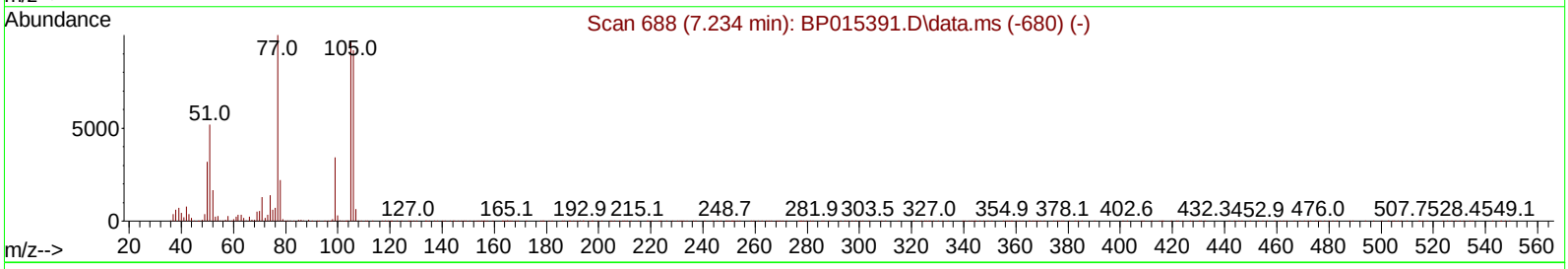
Instrument :
BNA_P
ClientSampleId :
SLCS099

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023







TIC: BP015398.D\data.ms

(6) Benzaldehyde

7.234min (+ 0.000) 53.33 ng/ul

response 312448

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	96.60	94.50
106.00	91.60	90.31
0.00	0.00	0.00

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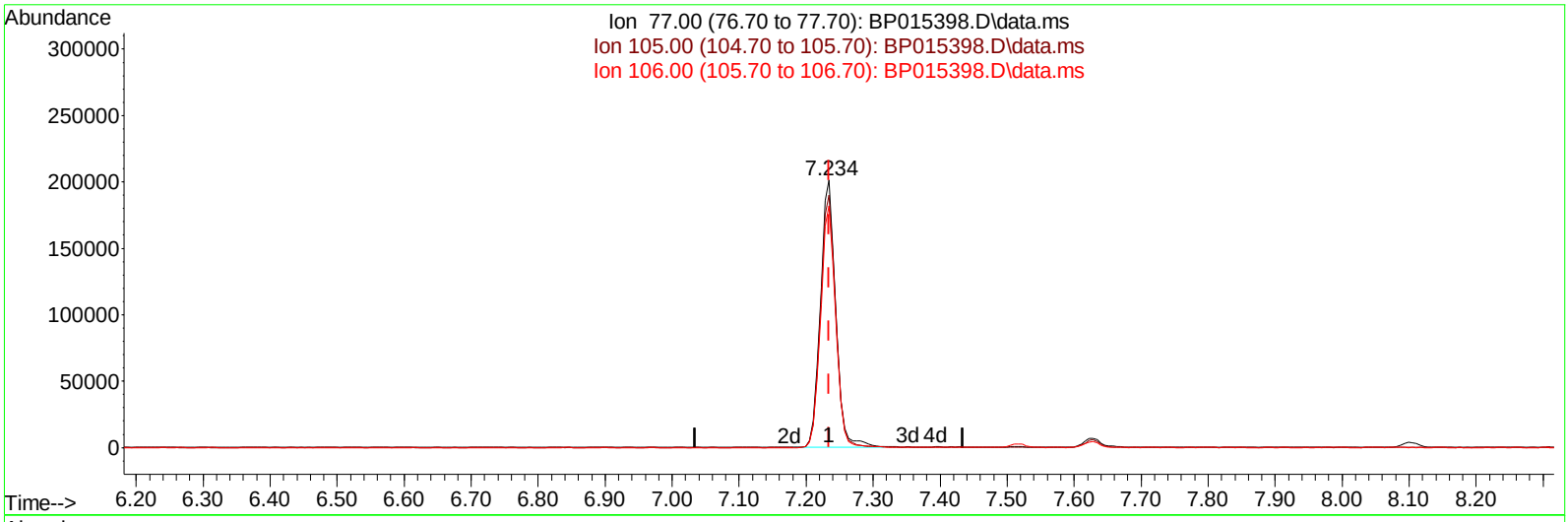

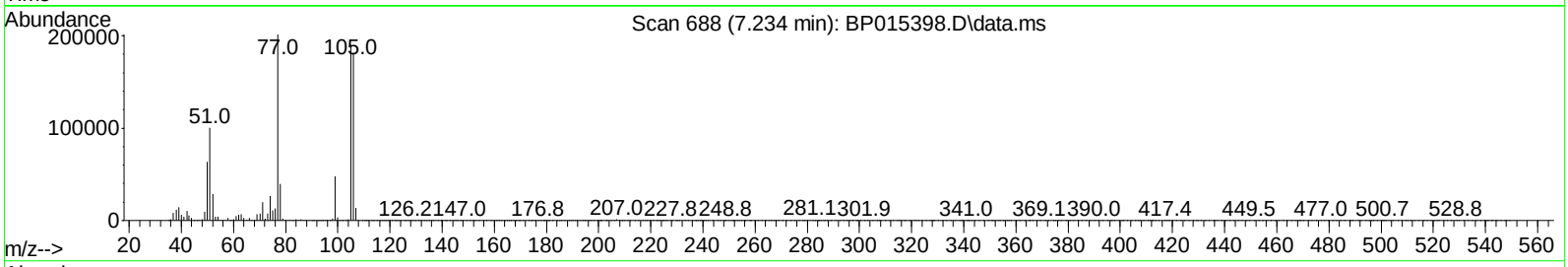

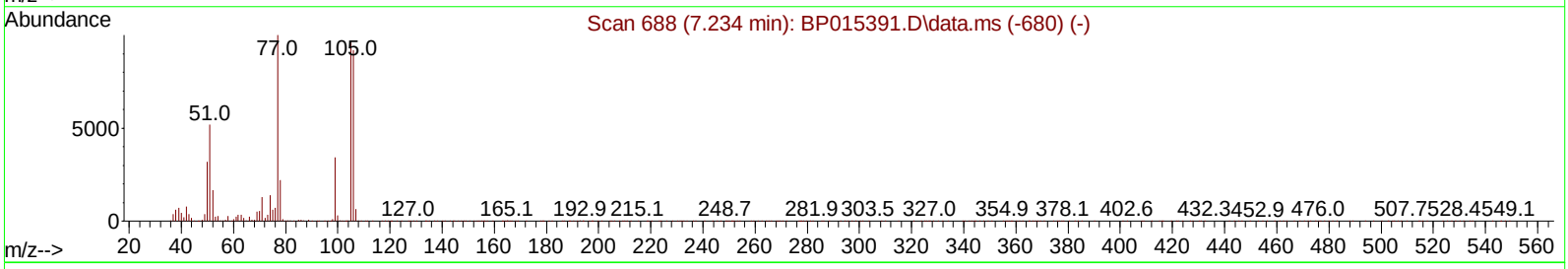

TIC: BP015398.D\data.ms

(6) Benzaldehyde

7.234min (+ 0.000) 54.78 ng/ul m

response 320931

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	96.60	94.50
106.00	91.60	90.31
0.00	0.00	0.00

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Misc :
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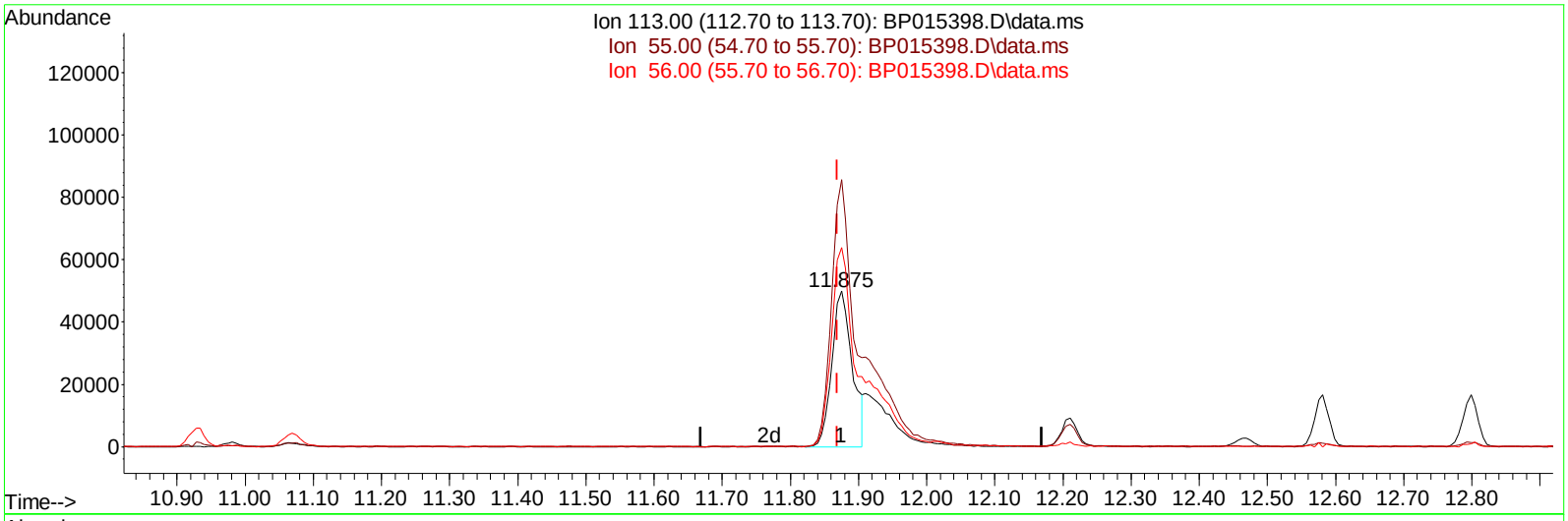

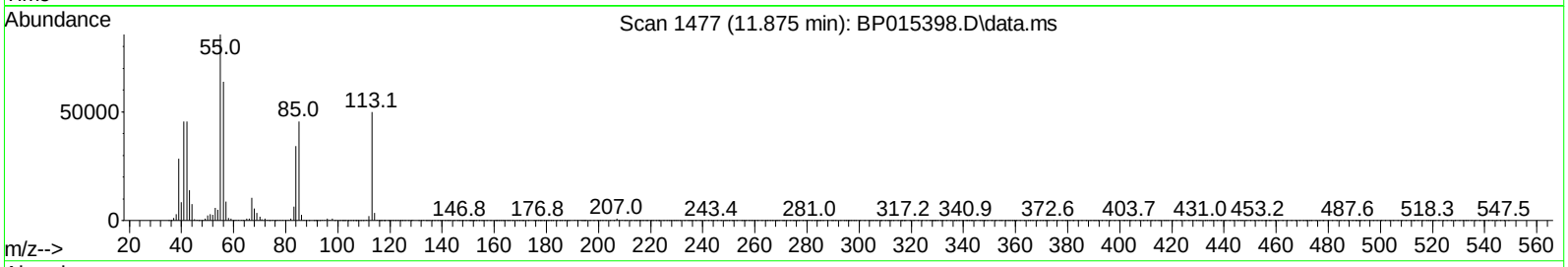

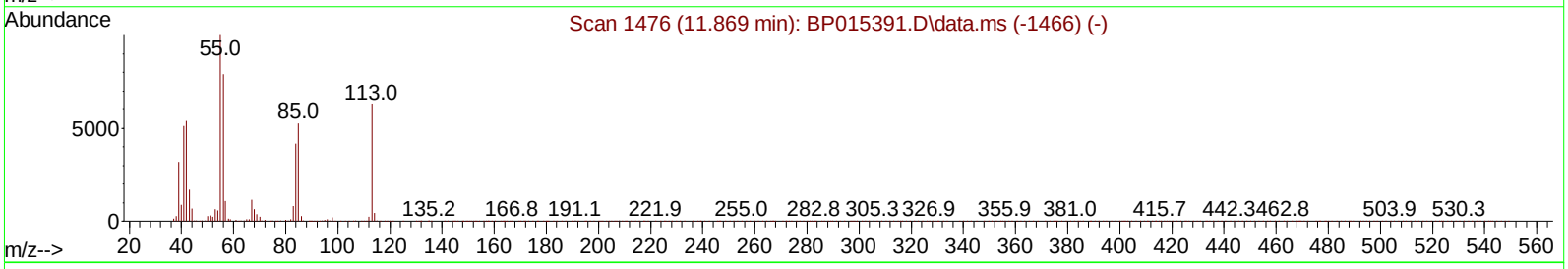

TIC: BP015398.D\data.ms

(34) Caprolactam

11.875min (+ 0.006) 22.73 ng/ul

response 103363

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.90	171.46
56.00	126.40	127.85
0.00	0.00	0.00

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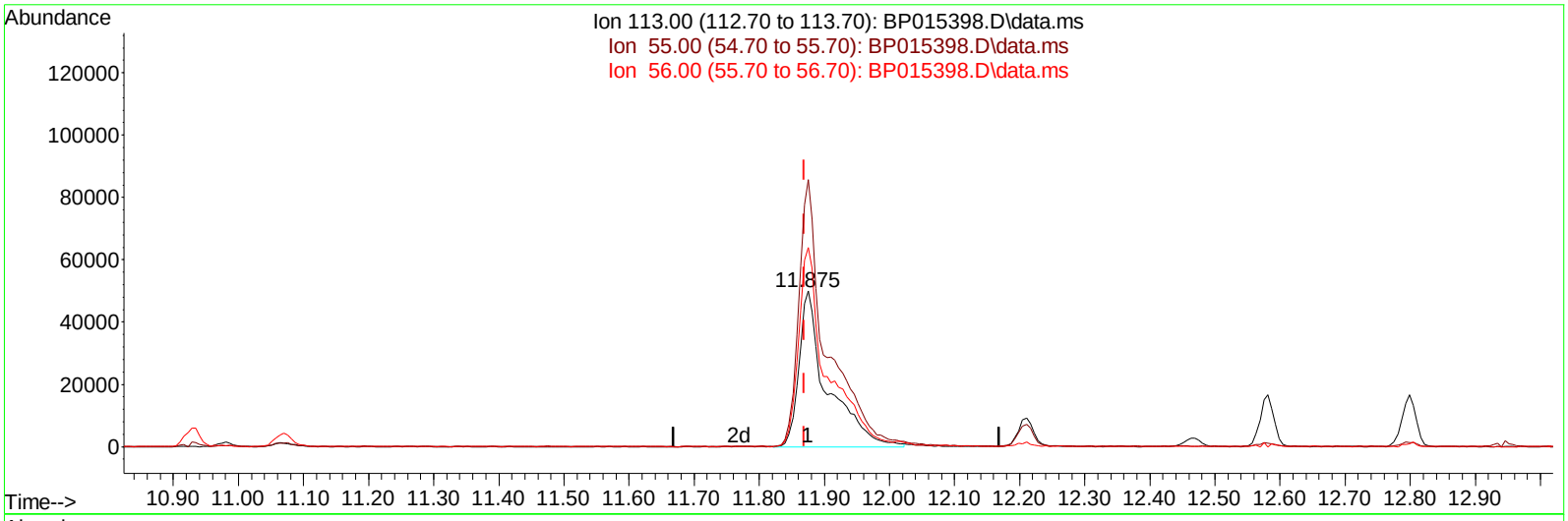

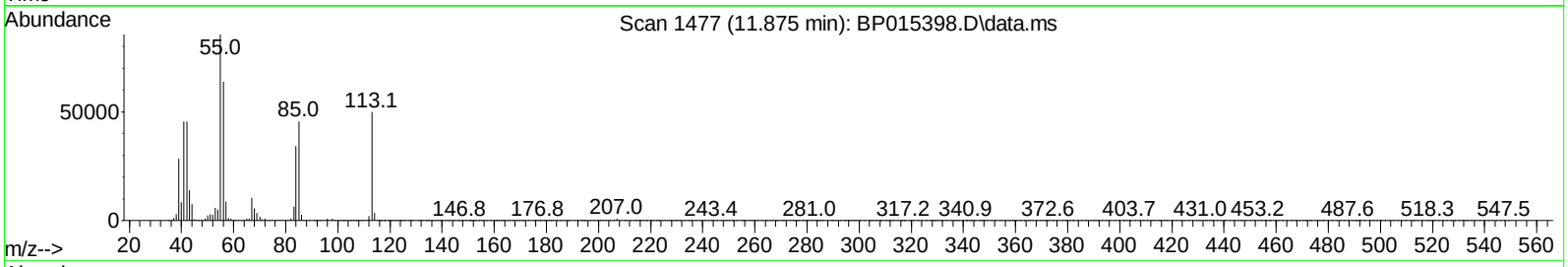

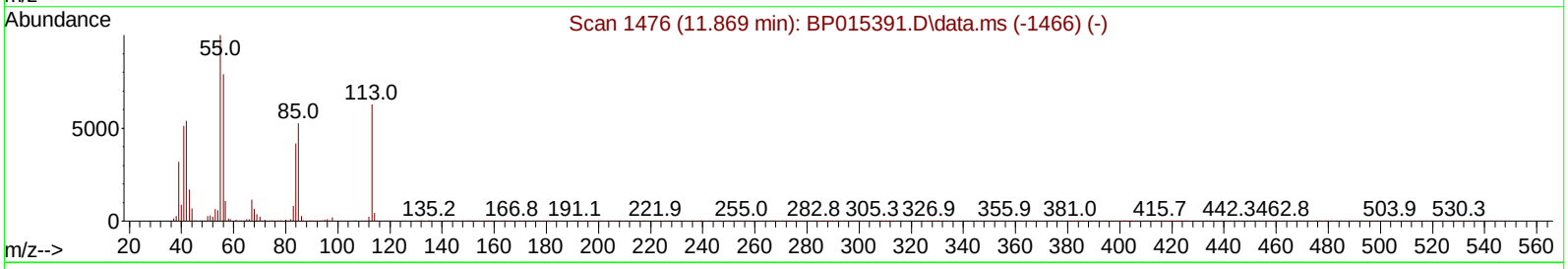

TIC: BP015398.D\data.ms

(34) Caprolactam

11.875min (+ 0.006) 33.24 ng/ul m

response 151116

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.90	171.46
56.00	126.40	127.85
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	166380	20.000	ng/ul	0.00
20) Naphthalene-d8	10.928	136	742771	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.746	164	511620	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.504	188	1185573	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	1111326	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	1213308	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	27370	6.092	ng/uL	0.00
4) Pyridine-d5	3.852	84	354832	30.403	ng/ul	0.00
7) Phenol-d5	7.252	99	488829	31.891	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	312133	34.097	ng/ul	0.00
11) 2-Chlorophenol-d4	7.628	132	386545	34.783	ng/ul	0.00
15) 4-Methylphenol-d8	8.816	113	426683	33.918	ng/ul	0.00
21) Nitrobenzene-d5	9.281	128	208335	35.726	ng/ul	0.00
24) 2-Nitrophenol-d4	10.005	143	241947	36.331	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	425787	35.050	ng/ul	0.00
31) 4-Chloroaniline-d4	11.069	131	592665	33.989	ng/ul	0.00
46) Dimethylphthalate-d6	14.151	166	1514156	37.531	ng/ul	0.00
49) Acenaphthylene-d8	14.440	160	1596556	36.191	ng/ul	0.00
54) 4-Nitrophenol-d4	14.946	143	270222	37.402	ng/ul	0.00
60) Fluorene-d10	15.740	176	1230530	36.170	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	280186	37.305	ng/ul	0.00
73) Anthracene-d10	17.604	188	1972354	36.564	ng/ul	0.00
81) Pyrene-d10	19.822	212	2380114	40.015	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	2350647	38.612	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	52872	11.140	ng/uL	94
5) Pyridine	3.870	79	325937	26.938	ng/ul	96
6) Benzaldehyde	7.234	77	320931m	54.777	ng/ul	
8) Phenol	7.281	94	476619	30.140	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.516	93	380801	30.457	ng/ul	98
12) 2-Chlorophenol	7.658	128	359314	30.602	ng/ul	99
13) 2-Methylphenol	8.546	108	370389	30.442	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.628	45	520083	31.390	ng/ul	99
16) Acetophenone	8.934	105	621039	30.934	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.922	70	335514	30.964	ng/ul	98
18) 4-Methylphenol	8.881	108	412829	30.839	ng/ul	99
19) Hexachloroethane	9.193	117	153152	30.866	ng/ul	98
22) Nitrobenzene	9.322	77	488252	31.572	ng/ul	99
23) Isophorone	9.852	82	981097	31.692	ng/ul	99
25) 2-Nitrophenol	10.040	139	229828	31.964	ng/ul	97
26) 2,4-Dimethylphenol	10.093	107	455854	29.896	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.328	93	573129	31.843	ng/ul	99
29) 2,4-Dichlorophenol	10.575	162	391306	32.397	ng/ul	98
30) Naphthalene	10.981	128	1249741	31.050	ng/ul	100
32) 4-Chloroaniline	11.093	127	535764	29.695	ng/ul	98
33) Hexachlorobutadiene	11.257	225	256366	31.473	ng/ul	97
34) Caprolactam	11.875	113	151116m	33.236	ng/ul	
35) 4-Chloro-3-methylphenol	12.210	107	480526	32.835	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/08/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.581	142	879671	31.089	ng/ul	99
37) 1-Methylnaphthalene	12.799	142	889203	31.212	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.946	216	499818	31.373	ng/ul	99
40) Hexachlorocyclopentadiene	12.916	237	184839	28.304	ng/ul	98
41) 2,4,6-Trichlorophenol	13.187	196	347739	32.795	ng/ul	99
42) 2,4,5-Trichlorophenol	13.257	196	383093	33.155	ng/ul	99
43) 1,1'-Biphenyl	13.581	154	1242981	31.416	ng/ul	100
44) 2-Chloronaphthalene	13.628	162	968764	31.208	ng/ul	99
45) 2-Nitroaniline	13.834	65	343660	34.591	ng/ul	99
47) Dimethylphthalate	14.198	163	1376226	33.038	ng/ul	100
48) 2,6-Dinitrotoluene	14.328	165	295022	34.569	ng/ul	98
50) Acenaphthylene	14.469	152	1538610	31.495	ng/ul	99
51) 3-Nitroaniline	14.657	138	289296	41.063	ng/ul	99
52) Acenaphthene	14.810	153	1064014	31.508	ng/ul	98
53) 2,4-Dinitrophenol	14.869	184	160340	31.233	ng/ul	99
55) 4-Nitrophenol	14.963	109	226844	32.551	ng/ul	92
56) Dibenzofuran	15.146	168	1522186	31.803	ng/ul	99
57) 2,4-Dinitrotoluene	15.116	165	432083	34.423	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.369	232	353402	33.874	ng/ul	99
59) Diethylphthalate	15.557	149	1463522	34.281	ng/ul	100
61) Fluorene	15.793	166	1260666	32.311	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.781	204	639752	32.534	ng/ul	100
63) 4-Nitroaniline	15.822	138	296531	44.374	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.881	198	261180	34.096	ng/ul	97
67) N-Nitrosodiphenylamine	15.998	169	1114316	33.130	ng/ul	100
68) 4-Bromophenyl-phenylether	16.681	248	424679	33.482	ng/ul	100
69) Hexachlorobenzene	16.798	284	497365	33.243	ng/ul	94
70) Atrazine	16.951	200	446646	33.254	ng/ul	99
71) Pentachlorophenol	17.145	266	273134	32.299	ng/ul	99
72) Phenanthrene	17.545	178	2112364	33.201	ng/ul	100
74) Anthracene	17.640	178	2101144	32.549	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.551	216	520147	31.789	ng/uL	99
76) Pentachlorobenzene	15.063	250	532384	31.076	ng/uL	100
77) Carbazole	17.904	167	1948692	33.526	ng/ul	100
78) Di-n-butylphthalate	18.434	149	2620564	35.534	ng/ul	99
80) Fluoranthene	19.498	202	2608535	36.003	ng/ul	99
82) Pyrene	19.851	202	2657848	35.458	ng/ul	100
83) Butylbenzylphthalate	20.704	149	1244077	37.551	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.492	252	935107	35.616	ng/ul	99
85) Benzo(a)anthracene	21.569	228	2614170	33.649	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	1879990	38.391	ng/ul	100
87) Chrysene	21.622	228	2466574	33.589	ng/ul	99
89) Di-n-octyl phthalate	22.433	149	3233971	40.555	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	2659427	33.956	ng/ul	100
91) Benzo(k)fluoranthene	23.404	252	2639626	34.866	ng/ul	100
93) Benzo(a)pyrene	24.027	252	2286324	33.483	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.851	276	2740847	31.016	ng/ul	99
95) Dibenzo(a,h)anthracene	26.868	278	2264664	31.456	ng/ul	100
96) Benzo(g,h,i)perylene	27.686	276	2188082	30.046	ng/ul	99

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

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