Quantitation Report (Qedit)

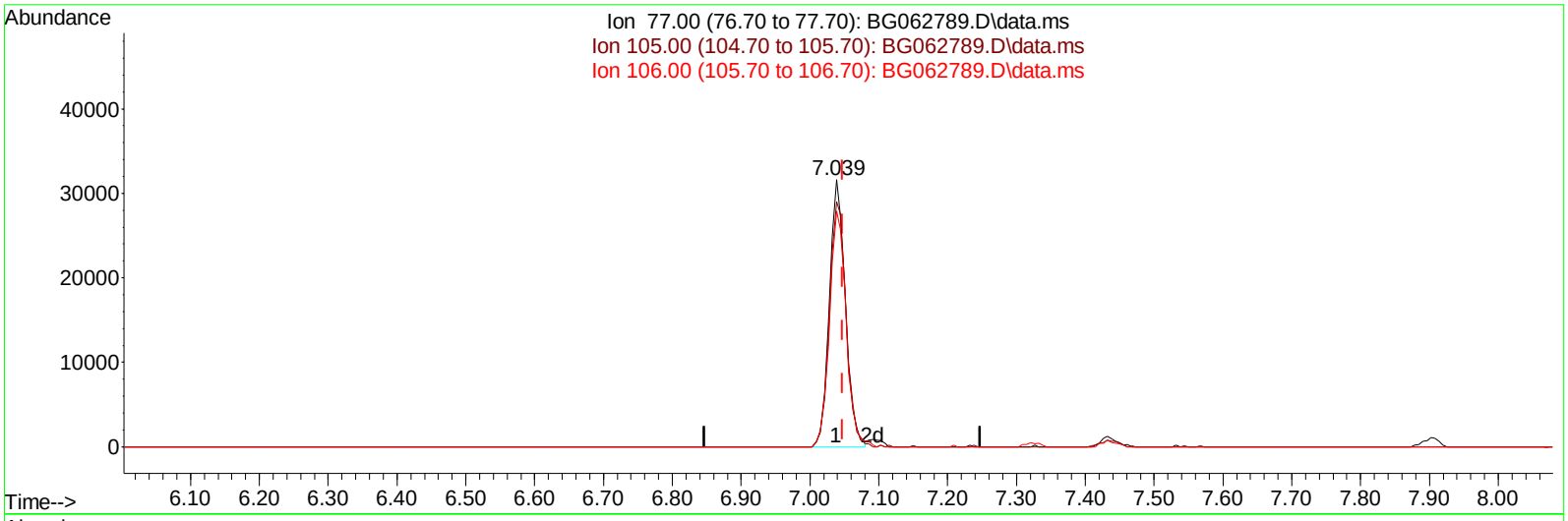
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062789.D
Acq On : 13 Sep 2024 15:42
Operator : JU/RC
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

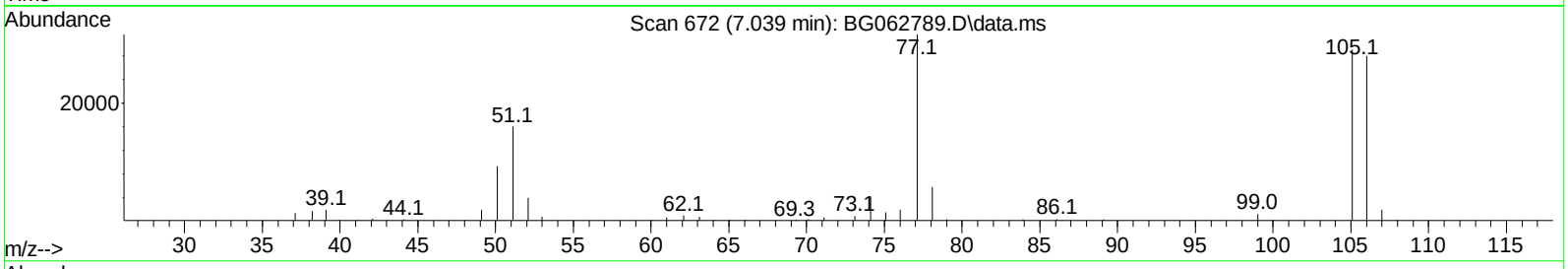
Quant Time: Sep 13 23:01:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

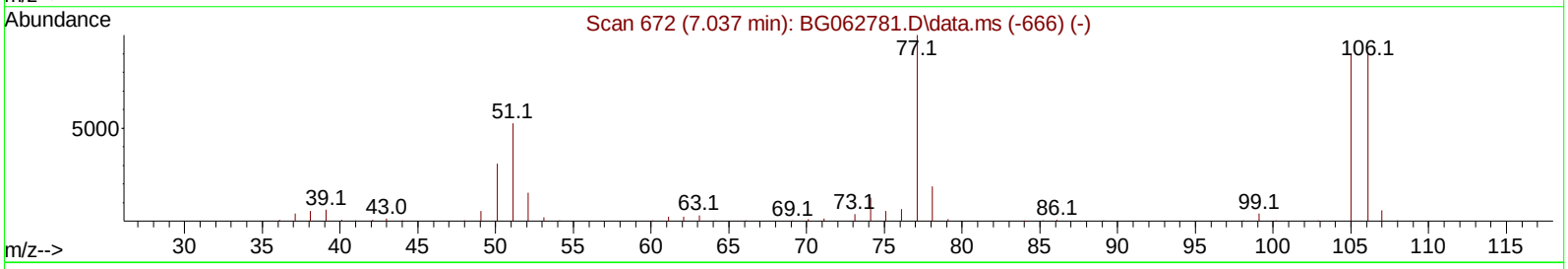
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024







TIC: BG062789.D\data.ms

(6) Benzaldehyde

7.039min (-0.009) 20.94 ng/ul

response 50657

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.70	91.77
106.00	86.30	88.38
0.00	0.00	0.00

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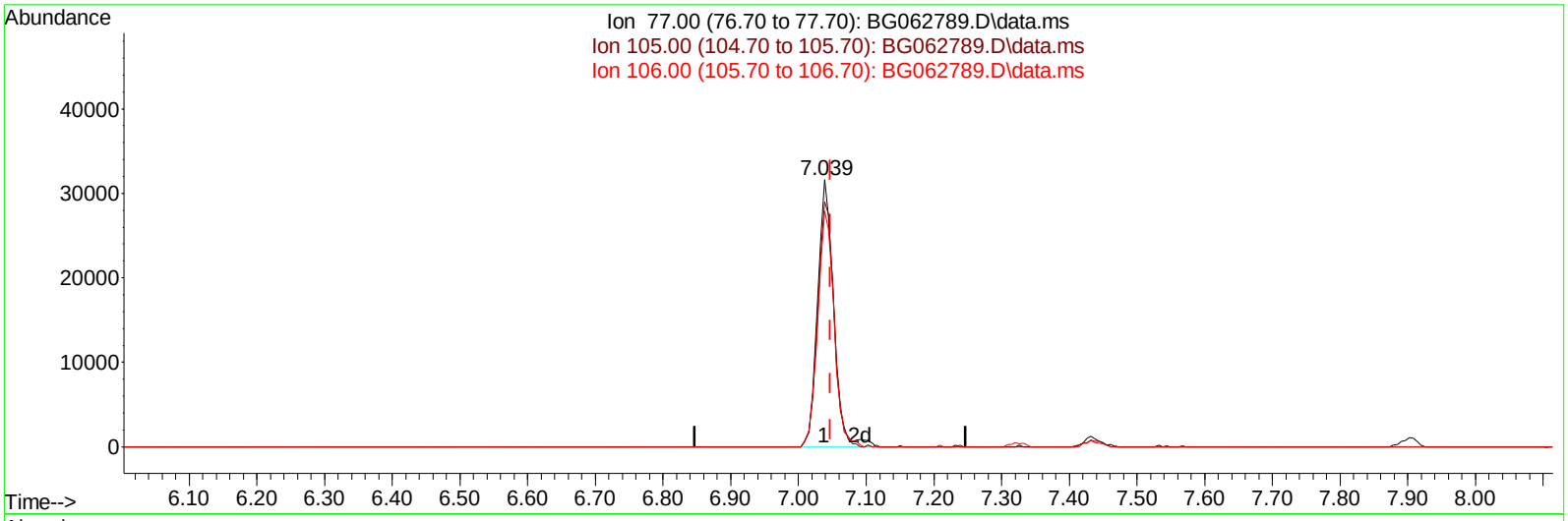

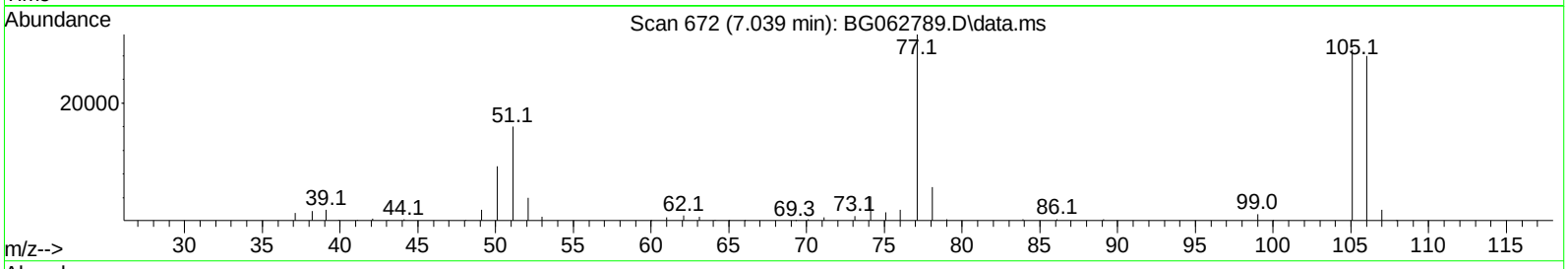

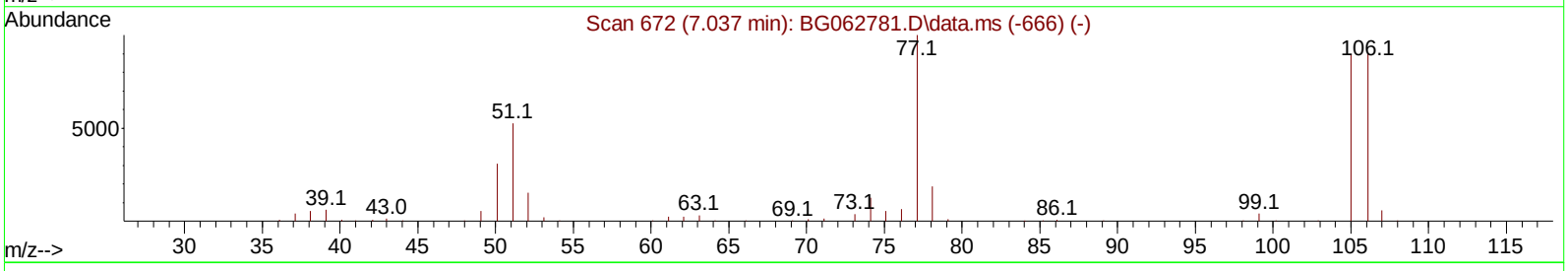

TIC: BG062789.D\data.ms

(6) Benzaldehyde

7.039min (-0.009) 21.45 ng/ul m

response 51895

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.70	91.77
106.00	86.30	88.38
0.00	0.00	0.00

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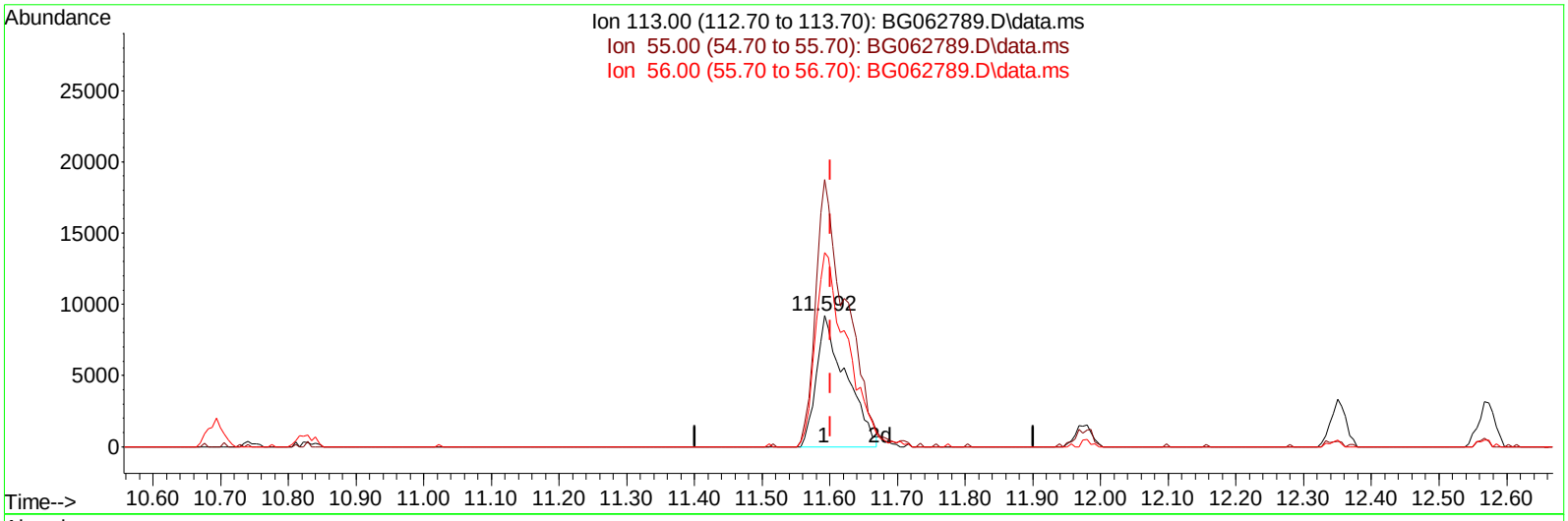

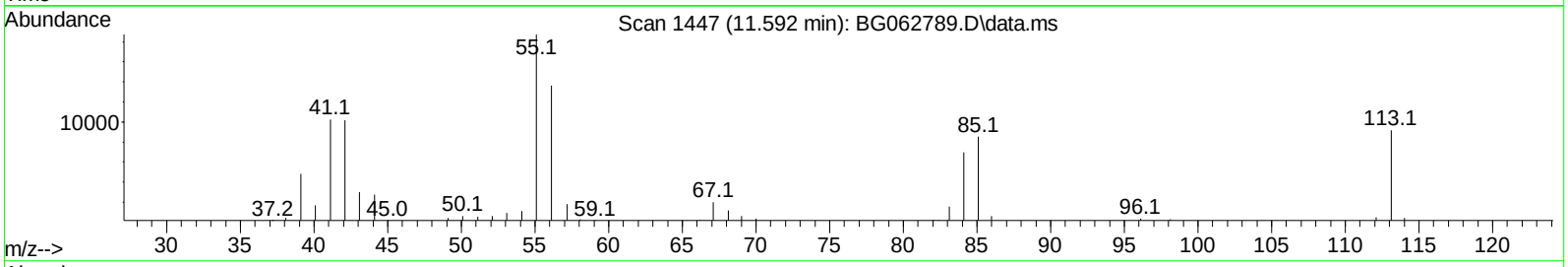

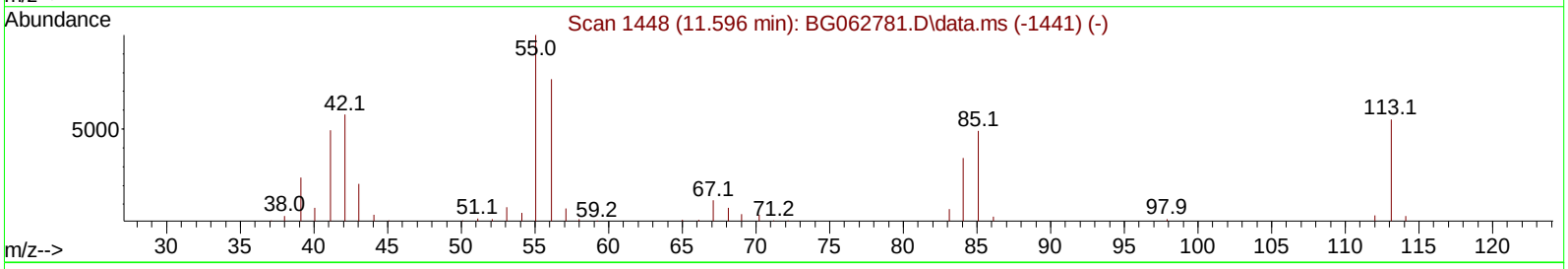

TIC: BG062789.D\data.ms

(34) Caprolactam

11.592min (-0.009) 17.53 ng/ul

response 27986

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	203.70
56.00	156.30	147.95
0.00	0.00	0.00

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Instrument :
BNA_G
LabSampleId :
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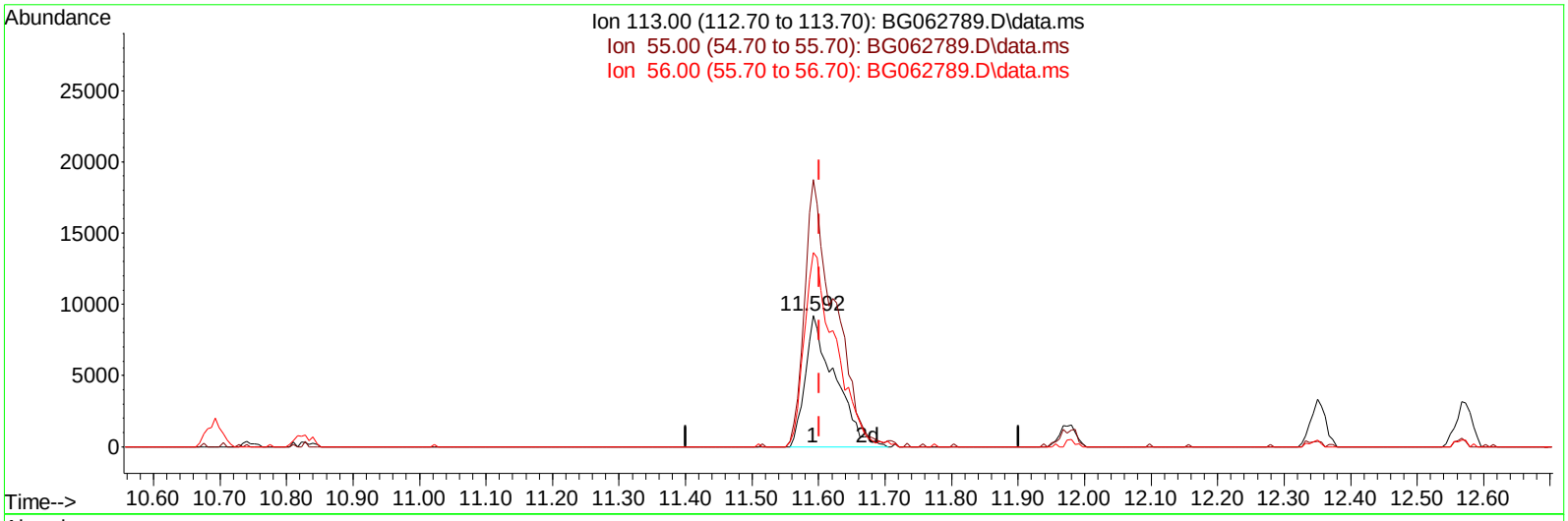

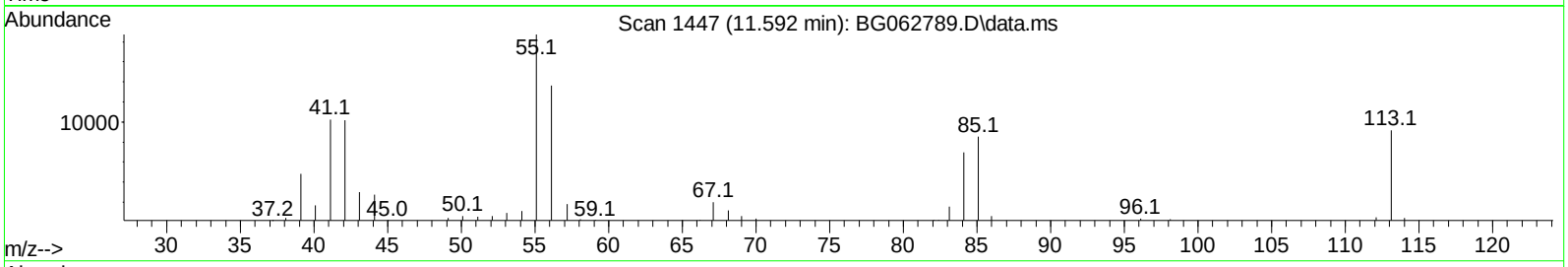

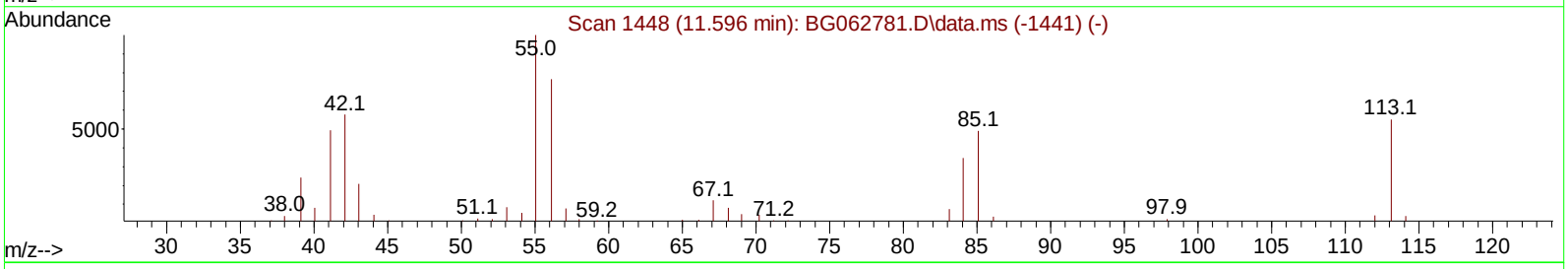

TIC: BG062789.D\data.ms

(34) Caprolactam

11.592min (-0.009) 17.93 ng/ul m

response 28615

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	203.70
56.00	156.30	147.95
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/16/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.902	152	50188	20.000	ng/ul	0.00
20) Naphthalene-d8	10.693	136	258289	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.530	164	206386	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.274	188	551282	20.000	ng/ul	0.00
79) Chrysene-d12	21.522	240	603442	20.000	ng/ul	0.00
88) Perylene-d12	24.577	264	669398	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	10306	9.283	ng/uL	0.00
4) Pyridine-d5	3.766	84	80027	22.644	ng/ul	0.00
7) Phenol-d5	7.068	99	78086	17.743	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.227	67	47118	17.858	ng/ul	0.00
11) 2-Chlorophenol-d4	7.432	132	61156	19.078	ng/ul	0.00
15) 4-Methylphenol-d8	8.601	113	75132	20.486	ng/ul	0.00
21) Nitrobenzene-d5	9.054	128	31895	17.278	ng/ul	0.00
24) 2-Nitrophenol-d4	9.776	143	36895	18.275	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.311	165	85439	19.432	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	111626	18.470	ng/ul	0.00
46) Dimethylphthalate-d6	13.936	166	296879	18.680	ng/ul	0.00
49) Acenaphthylene-d8	14.218	160	341449	19.344	ng/ul	0.00
54) 4-Nitrophenol-d4	14.730	143	50579	18.734	ng/ul	0.00
60) Fluorene-d10	15.523	176	276429	19.301	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	60448	19.062	ng/ul	0.00
73) Anthracene-d10	17.373	188	499245	19.189	ng/ul	0.00
81) Pyrene-d10	19.665	212	640995	18.877	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.371	264	671489	18.997	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.396	88	11145	8.957	ng/uL#	76
5) Pyridine	3.784	79	83958	22.650	ng/ul	97
6) Benzaldehyde	7.039	77	51895m	21.447	ng/ul	
8) Phenol	7.097	94	81436	17.801	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.321	93	61318	17.731	ng/ul	95
12) 2-Chlorophenol	7.467	128	62772	19.152	ng/ul	95
13) 2-Methylphenol	8.337	108	65738	19.163	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.419	45	124055	19.929	ng/ul	96
16) Acetophenone	8.719	105	110367	18.516	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.701	70	59949	19.213	ng/ul	99
18) 4-Methylphenol	8.666	108	73375	19.012	ng/ul	87
19) Hexachloroethane	8.983	117	25778	19.537	ng/ul	88
22) Nitrobenzene	9.095	77	82942	16.608	ng/ul	91
23) Isophorone	9.618	82	169174	16.569	ng/ul	99
25) 2-Nitrophenol	9.806	139	41828	18.798	ng/ul	95
26) 2,4-Dimethylphenol	9.865	107	84787	17.832	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.100	93	105967	18.571	ng/ul	95
29) 2,4-Dichlorophenol	10.341	162	85057	19.642	ng/ul	96
30) Naphthalene	10.740	128	264991	19.134	ng/ul	99
32) 4-Chloroaniline	10.846	127	111736	18.590	ng/ul	97
33) Hexachlorobutadiene	11.034	225	73255	20.306	ng/ul	94
34) Caprolactam	11.592	113	28615m	17.929	ng/ul	
35) 4-Chloro-3-methylphenol	11.974	107	92839	19.653	ng/ul	95

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Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.350	142	197392	19.312	ng/ul	94
37) 1-Methylnaphthalene	12.567	142	199580	19.062	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.720	216	141837	19.990	ng/ul	98
40) Hexachlorocyclopentadiene	12.702	237	69905	19.255	ng/ul	98
41) 2,4,6-Trichlorophenol	12.961	196	84198	19.591	ng/ul	96
42) 2,4,5-Trichlorophenol	13.031	196	90691	19.654	ng/ul	100
43) 1,1'-Biphenyl	13.361	154	277384	19.112	ng/ul	97
44) 2-Chloronaphthalene	13.402	162	226229	19.169	ng/ul	98
45) 2-Nitroaniline	13.601	65	65043	20.085	ng/ul	94
47) Dimethylphthalate	13.977	163	309663	18.919	ng/ul	98
48) 2,6-Dinitrotoluene	14.101	165	58406	20.255	ng/ul	96
50) Acenaphthylene	14.248	152	359982	19.317	ng/ul	100
51) 3-Nitroaniline	14.430	138	59167	20.494	ng/ul#	97
52) Acenaphthene	14.589	153	250550	18.981	ng/ul	98
53) 2,4-Dinitrophenol	14.636	184	38955	20.458	ng/ul	93
55) 4-Nitrophenol	14.741	109	46857	19.307	ng/ul	98
56) Dibenzofuran	14.923	168	374408	19.093	ng/ul	99
57) 2,4-Dinitrotoluene	14.888	165	89200	19.785	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.153	232	92696	19.823	ng/ul	97
59) Diethylphthalate	15.346	149	303010	18.766	ng/ul	99
61) Fluorene	15.576	166	301046	19.543	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.570	204	174113	19.269	ng/ul	98
63) 4-Nitroaniline	15.593	138	64357	20.716	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.652	198	60282	18.339	ng/ul	96
67) N-Nitrosodiphenylamine	15.781	169	266261	18.833	ng/ul	99
68) 4-Bromophenyl-phenylether	16.463	248	119749	18.877	ng/ul	96
69) Hexachlorobenzene	16.580	284	139871	19.311	ng/ul	95
70) Atrazine	16.733	200	121236	19.253	ng/ul	93
71) Pentachlorophenol	16.927	266	69191	15.971	ng/ul	97
72) Phenanthrene	17.315	178	544653	18.998	ng/ul	100
74) Anthracene	17.409	178	557240	19.066	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.325	216	145418	19.316	ng/ul	98
76) Pentachlorobenzene	14.847	250	157735	18.907	ng/ul	99
77) Carbazole	17.673	167	480385	19.821	ng/ul	98
78) Di-n-butylphthalate	18.237	149	558940	19.500	ng/ul	99
80) Fluoranthene	19.330	202	709081	18.854	ng/ul	100
82) Pyrene	19.694	202	766899	18.943	ng/ul	99
83) Butylbenzylphthalate	20.587	149	245532	20.430	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.422	252	263829	20.767	ng/ul	99
85) Benzo(a)anthracene	21.498	228	809844	19.296	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.422	149	363838	20.561	ng/ul	99
87) Chrysene	21.563	228	768710	19.306	ng/ul	99
89) Di-n-octyl phthalate	22.573	149	608830	19.553	ng/ul	100
90) Benzo(b)fluoranthene	23.613	252	792057	19.165	ng/ul	99
91) Benzo(k)fluoranthene	23.678	252	784056	18.527	ng/ul	98
93) Benzo(a)pyrene	24.430	252	738614	18.948	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.026	276	925352	19.267	ng/ul	99
95) Dibenzo(a,h)anthracene	28.090	278	749174	19.420	ng/ul	99
96) Benzo(g,h,i)perylene	29.101	276	706261	19.040	ng/ul	99

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

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