Quantitation Report (Qedit)

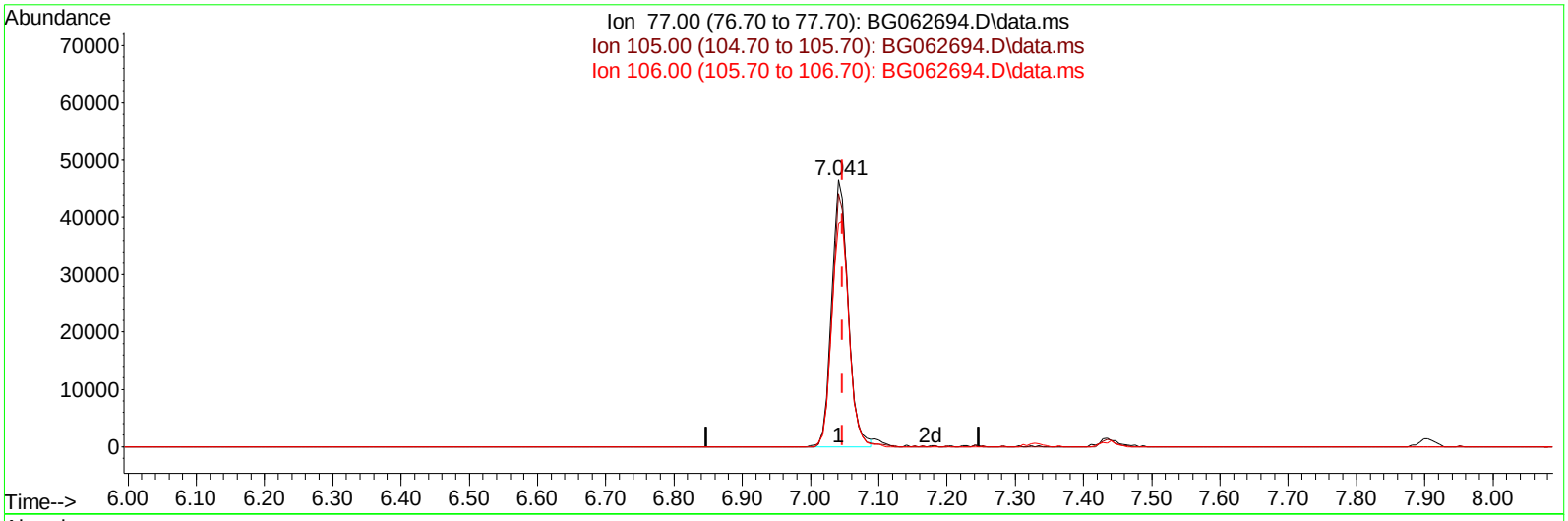
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090924\
Data File : BG062694.D
Acq On : 9 Sep 2024 19:08
Operator : JU/RC
Sample : SSTDICV020
Misc :
ALS Vial : 10 Sample Multiplier: 1

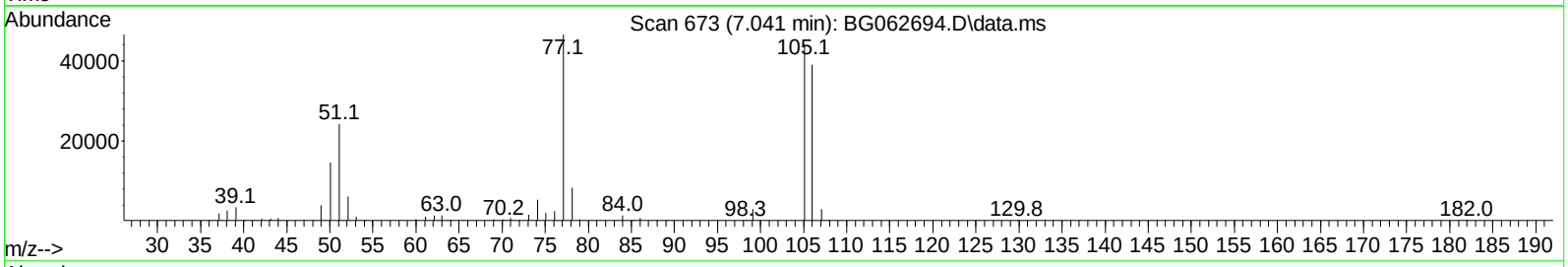
Quant Time: Sep 10 01:31:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

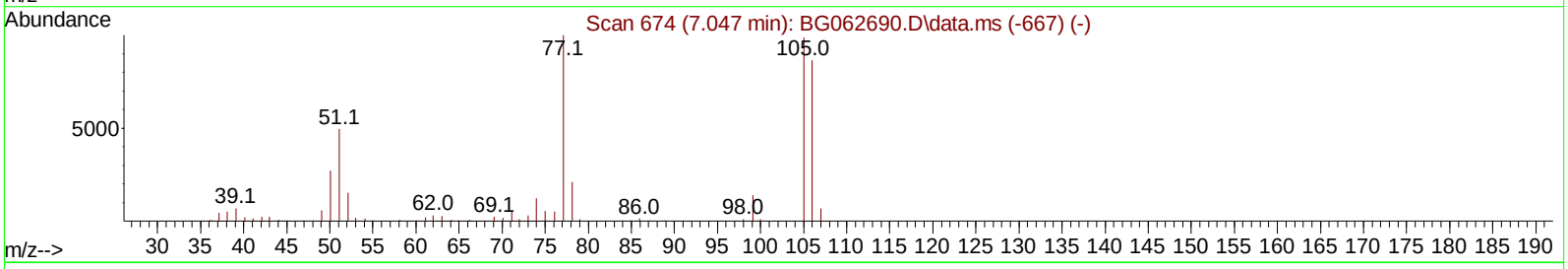
Instrument :
BNA_G
ClientSampleId :
SICV444

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024







TIC: BG062694.D\data.ms

(6) Benzaldehyde

7.041min (-0.006) 23.04 ng/ul

response 78312

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.70	94.85
106.00	86.30	83.65
0.00	0.00	0.00

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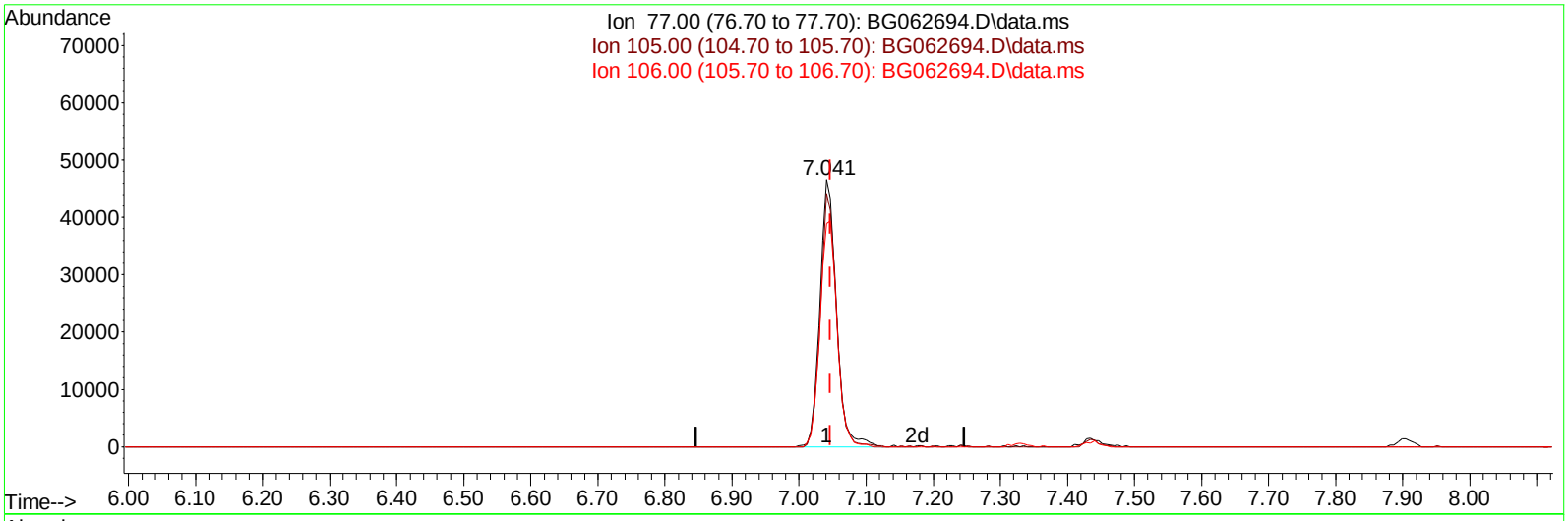

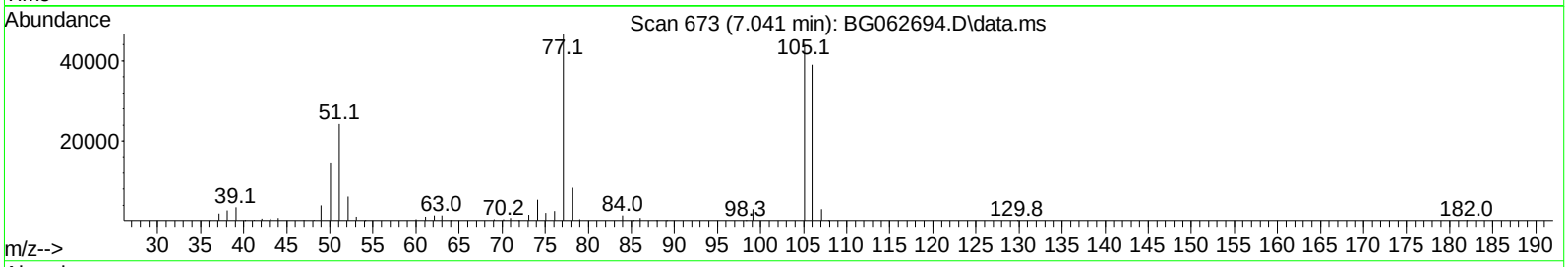

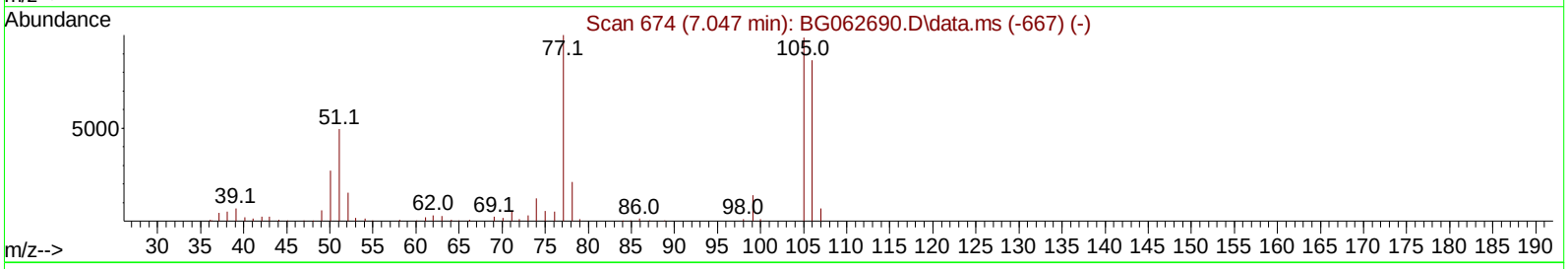

TIC: BG062694.D\data.ms

(6) Benzaldehyde

7.041min (-0.006) 23.44 ng/ul m

response 79701

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.70	94.85
106.00	86.30	83.65
0.00	0.00	0.00

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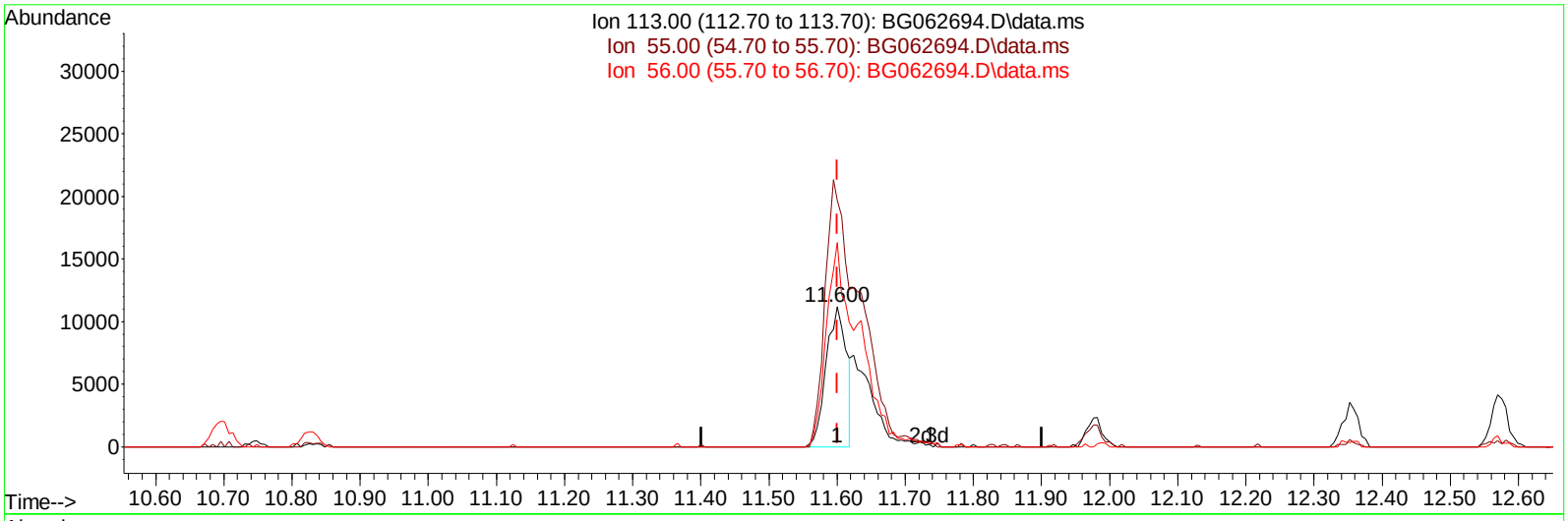

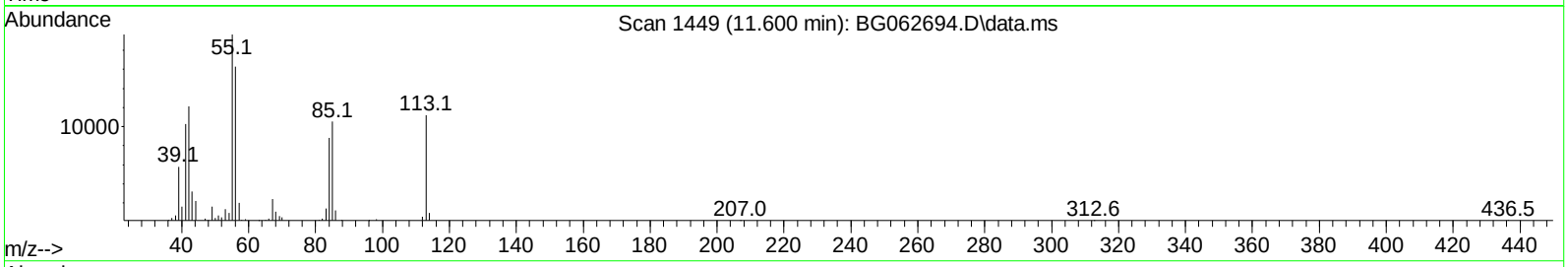

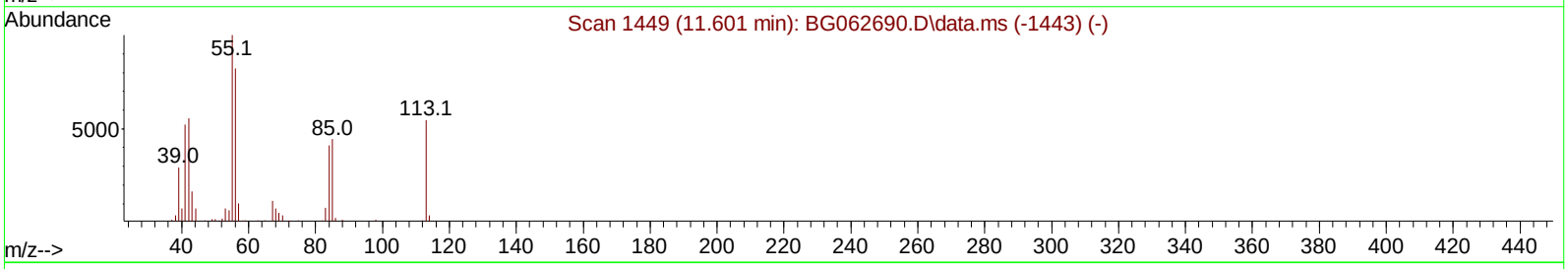

TIC: BG062694.D\data.ms

(34) Caprolactam

11.600min (-0.001) 12.50 ng/ul

response 23208

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	175.70
56.00	156.30	145.64
0.00	0.00	0.00

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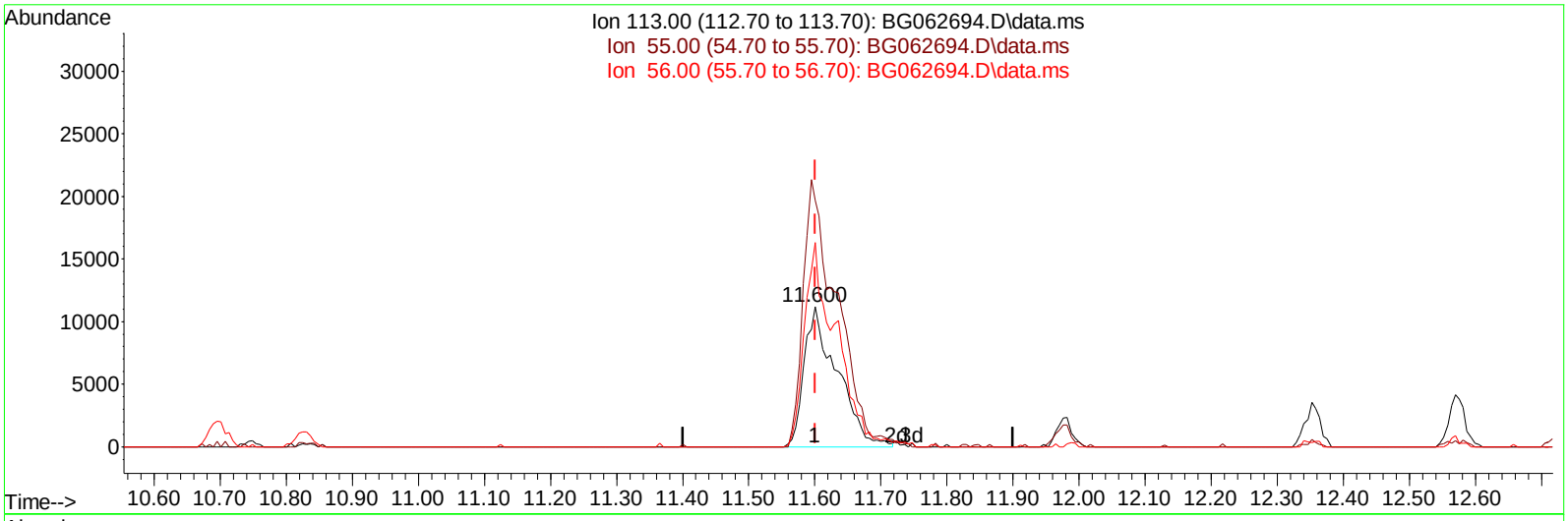

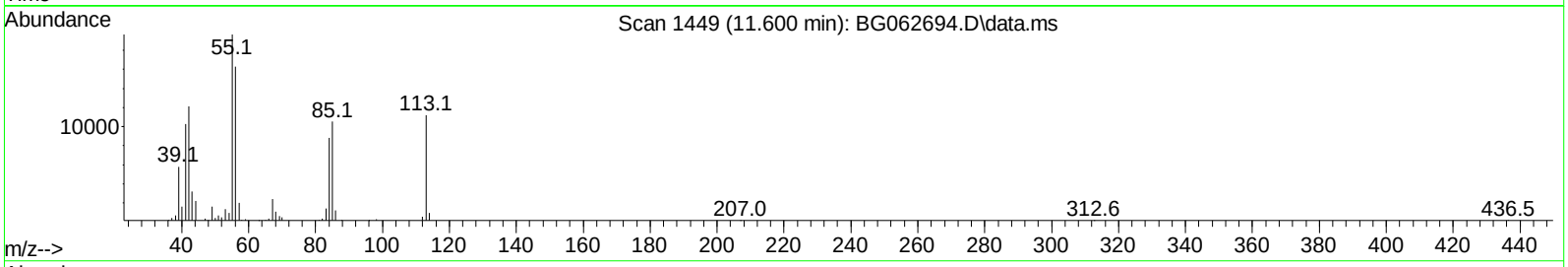

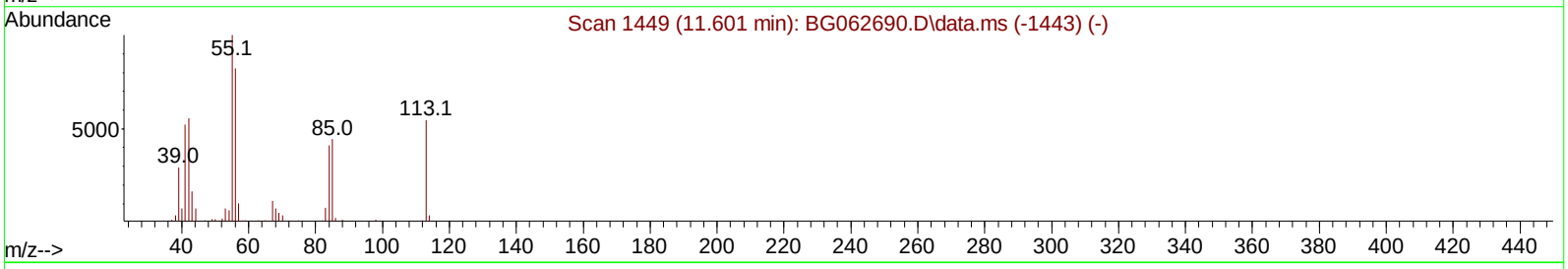

TIC: BG062694.D\data.ms

(34) Caprolactam

11.600min (-0.001) 20.88 ng/ul m

response 38774

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	175.70
56.00	156.30	145.64
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	7.905	152	70512	20.000	ng/ul	0.00
20) Naphthalene-d8	10.696	136	300531	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.532	164	243920	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.276	188	646077	20.000	ng/ul	0.00
79) Chrysene-d12	21.524	240	712351	20.000	ng/ul	0.00
88) Perylene-d12	24.579	264	767266	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	11553	7.407	ng/uL	0.00
4) Pyridine-d5	3.768	84	88098	17.743	ng/ul	0.00
7) Phenol-d5	7.070	99	112554	18.204	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.235	67	68132	18.379	ng/ul	0.00
11) 2-Chlorophenol-d4	7.435	132	88025	19.545	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	97150	18.855	ng/ul	0.00
21) Nitrobenzene-d5	9.056	128	42999	20.019	ng/ul	0.00
24) 2-Nitrophenol-d4	9.779	143	50863	21.652	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.319	165	102302	19.997	ng/ul	0.00
31) 4-Chloroaniline-d4	10.831	131	134547	19.134	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	378680	20.160	ng/ul	0.00
49) Acenaphthylene-d8	14.221	160	410893	19.696	ng/ul	0.00
54) 4-Nitrophenol-d4	14.726	143	63056	19.761	ng/ul	0.00
60) Fluorene-d10	15.525	176	334365	19.754	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	72265	19.445	ng/ul	0.00
73) Anthracene-d10	17.376	188	603844	19.804	ng/ul	0.00
81) Pyrene-d10	19.661	212	773394	19.293	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.374	264	793724	19.591	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.398	88	13824	7.907	ng/uL#	88
5) Pyridine	3.786	79	97283	18.680	ng/ul	93
6) Benzaldehyde	7.041	77	79701m	23.445	ng/ul	
8) Phenol	7.094	94	120600	18.763	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.323	93	89638	18.449	ng/ul	98
12) 2-Chlorophenol	7.470	128	90306	19.611	ng/ul	96
13) 2-Methylphenol	8.345	108	88955	18.456	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.422	45	165222	18.892	ng/ul	99
16) Acetophenone	8.721	105	159912	19.095	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.704	70	83096	18.955	ng/ul	93
18) 4-Methylphenol	8.668	108	101598	18.737	ng/ul	99
19) Hexachloroethane	8.986	117	36476	19.676	ng/ul	89
22) Nitrobenzene	9.097	77	117723	20.260	ng/ul	95
23) Isophorone	9.620	82	235842	19.852	ng/ul	99
25) 2-Nitrophenol	9.808	139	54573	21.078	ng/ul	91
26) 2,4-Dimethylphenol	9.873	107	108943	19.692	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.102	93	132235	19.917	ng/ul	95
29) 2,4-Dichlorophenol	10.343	162	102521	20.347	ng/ul	94
30) Naphthalene	10.748	128	314521	19.519	ng/ul	98
32) 4-Chloroaniline	10.848	127	134351	19.211	ng/ul	99
33) Hexachlorobutadiene	11.036	225	85727	20.423	ng/ul	95
34) Caprolactam	11.600	113	38774m	20.879	ng/ul	
35) 4-Chloro-3-methylphenol	11.976	107	109566	19.934	ng/ul	97

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Instrument :
BNA_G
ClientSampleId :
SICV444

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.352	142	236553	19.891	ng/ul	96
37) 1-Methylnaphthalene	12.576	142	241308	19.808	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.723	216	164885	19.663	ng/ul	98
40) Hexachlorocyclopentadiene	12.705	237	81121	18.906	ng/ul	97
41) 2,4,6-Trichlorophenol	12.963	196	100123	19.712	ng/ul	97
42) 2,4,5-Trichlorophenol	13.034	196	111315	20.412	ng/ul	95
43) 1,1'-Biphenyl	13.363	154	334420	19.497	ng/ul	99
44) 2-Chloronaphthalene	13.404	162	276438	19.819	ng/ul	98
45) 2-Nitroaniline	13.604	65	76811	20.069	ng/ul	96
47) Dimethylphthalate	13.986	163	383588	19.830	ng/ul	98
48) 2,6-Dinitrotoluene	14.103	165	70204	20.600	ng/ul	92
50) Acenaphthylene	14.250	152	434074	19.709	ng/ul	99
51) 3-Nitroaniline	14.426	138	73906	21.660	ng/ul	95
52) Acenaphthene	14.597	153	305887	19.607	ng/ul	99
53) 2,4-Dinitrophenol	14.638	184	43338	19.258	ng/ul	93
55) 4-Nitrophenol	14.744	109	56547	19.715	ng/ul	99
56) Dibenzofuran	14.926	168	458556	19.786	ng/ul	98
57) 2,4-Dinitrotoluene	14.891	165	111183	20.866	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.155	232	112507	20.357	ng/ul#	97
59) Diethylphthalate	15.349	149	381183	19.975	ng/ul	99
61) Fluorene	15.578	166	358146	19.672	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.572	204	207735	19.452	ng/ul	99
63) 4-Nitroaniline	15.590	138	79670	21.699	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.654	198	74286	19.284	ng/ul	96
67) N-Nitrosodiphenylamine	15.784	169	331358	19.998	ng/ul	97
68) 4-Bromophenyl-phenylether	16.465	248	146101	19.652	ng/ul	97
69) Hexachlorobenzene	16.583	284	165528	19.500	ng/ul	97
70) Atrazine	16.735	200	147720	20.017	ng/ul	98
71) Pentachlorophenol	16.924	266	100436	19.782	ng/ul	97
72) Phenanthrene	17.317	178	666152	19.827	ng/ul	99
74) Anthracene	17.411	178	677920	19.792	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.328	216	174528	19.781	ng/ul	99
76) Pentachlorobenzene	14.849	250	186843	19.110	ng/ul	95
77) Carbazole	17.676	167	580986	20.455	ng/ul	98
78) Di-n-butylphthalate	18.240	149	681677	20.293	ng/ul	99
80) Fluoranthene	19.332	202	864704	19.477	ng/ul	100
82) Pyrene	19.697	202	936419	19.594	ng/ul	100
83) Butylbenzylphthalate	20.584	149	284973	20.087	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.424	252	321199	21.417	ng/ul	97
85) Benzo(a)anthracene	21.500	228	972600	19.631	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.424	149	416996	19.962	ng/ul	99
87) Chrysene	21.565	228	921302	19.601	ng/ul	99
89) Di-n-octyl phthalate	22.582	149	720786	20.196	ng/ul	100
90) Benzo(b)fluoranthene	23.616	252	922907	19.482	ng/ul	99
91) Benzo(k)fluoranthene	23.680	252	958746	19.766	ng/ul	97
93) Benzo(a)pyrene	24.438	252	877350	19.636	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.034	276	1068626	19.412	ng/ul	98
95) Dibenzo(a,h)anthracene	28.093	278	869687	19.668	ng/ul	99
96) Benzo(g,h,i)perylene	29.109	276	816121	19.195	ng/ul	99

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

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BNA_G
ClientSampleId :
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