

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012622\
 Data File : BG052161.D
 Acq On : 26 Jan 2022 22:34
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020507

Quant Time: Jan 27 01:34:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 26 23:58:52 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/27/2022
 Supervised By :Yogesh Patel 01/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.236	152	26442	20.000	ng/ul	0.00
20) Naphthalene-d8	11.079	136	116838	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.880	164	85876	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.629	188	212796	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.953	240	214382	20.000	ng/ul	# 0.00
88) Perylene-d12	25.425	264	223449	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.566	96	6256	8.454	ng/uL	0.00
4) Pyridine-d5	3.989	84	45026	19.574	ng/ul	0.00
7) Phenol-d5	7.384	99	55207	21.332	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.543	67	34276	20.864	ng/ul	0.00
11) 2-Chlorophenol-d4	7.766	132	38731	22.604	ng/ul	0.00
15) 4-Methylphenol-d8	8.941	113	45055	22.395	ng/ul	0.00
21) Nitrobenzene-d5	9.405	128	21101	22.856	ng/ul	0.00
24) 2-Nitrophenol-d4	10.139	143	24290	23.789	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.692	165	47823	23.962	ng/ul	0.00
31) 4-Chloroaniline-d4	11.203	131	64792	23.311	ng/ul	0.00
46) Dimethylphthalate-d6	14.269	166	154418	21.754	ng/ul	0.00
49) Acenaphthylene-d8	14.575	160	190991	22.275	ng/ul	0.00
54) 4-Nitrophenol-d4	15.068	143	25329	21.343	ng/ul	0.00
60) Fluorene-d10	15.873	176	137065	22.147	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.979	200	24903	18.551	ng/ul	0.00
73) Anthracene-d10	17.729	188	227162	22.503	ng/ul	0.00
81) Pyrene-d10	20.008	212	280461	22.731	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.190	264	267492	22.739	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.607	88	6770	7.929	ng/ul#	81
5) Pyridine	4.012	79	48264	20.027	ng/ul	96
6) Benzaldehyde	7.361	77	30227	17.558	ng/ul	94
8) Phenol	7.408	94	55935	21.175	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.637	93	40491	20.941	ng/ul	97
12) 2-Chlorophenol	7.801	128	39288	22.539	ng/ul	99
13) 2-Methylphenol	8.677	108	43046	22.410	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.765	45	58873	19.962	ng/ul	98
16) Acetophenone	9.064	105	67243	21.178	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.041	70	39570	20.399	ng/ul#	94
18) 4-Methylphenol	9.006	108	45036	21.644	ng/ul	95
19) Hexachloroethane	9.340	117	16274	21.625	ng/ul#	77
22) Nitrobenzene	9.452	77	57253	19.994	ng/ul	97
23) Isophorone	9.981	82	110217	20.358	ng/ul	98
25) 2-Nitrophenol	10.175	139	25034	22.309	ng/ul	93
26) 2,4-Dimethylphenol	10.227	107	53486	21.966	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.457	93	58224	20.888	ng/ul	99
29) 2,4-Dichlorophenol	10.721	162	42602	21.735	ng/ul	99
30) Naphthalene	11.126	128	140591	22.206	ng/ul	96
32) 4-Chloroaniline	11.226	127	64575	22.798	ng/ul	98
33) Hexachlorobutadiene	11.414	225	34494	22.077	ng/ul	99
34) Caprolactam	11.972	113	16062m	21.055	ng/ul	
35) 4-Chloro-3-methylphenol	12.342	107	50599	22.358	ng/ul	92

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 Supervised By :Yogesh Patel 01/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.718	142	101535	22.514	ng/ul	96
37) 1-Methylnaphthalene	12.941	142	103196	22.296	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.088	216	65947	22.207	ng/ul	98
40) Hexachlorocyclopentadiene	13.065	237	30182	14.812	ng/ul	96
41) 2,4,6-Trichlorophenol	13.317	196	42742	22.772	ng/ul	98
42) 2,4,5-Trichlorophenol	13.394	196	45782	22.626	ng/ul	97
43) 1,1'-Biphenyl	13.717	154	144973	21.867	ng/ul#	94
44) 2-Chloronaphthalene	13.764	162	110958	21.611	ng/ul	97
45) 2-Nitroaniline	13.952	65	38652	19.643	ng/ul	95
47) Dimethylphthalate	14.316	163	145467	20.783	ng/ul	100
48) 2,6-Dinitrotoluene	14.439	165	32773	22.208	ng/ul	96
50) Acenaphthylene	14.604	152	187493	22.206	ng/ul	99
51) 3-Nitroaniline	14.774	138	23048	17.265	ng/ul	98
52) Acenaphthene	14.945	153	123409	21.983	ng/ul	97
53) 2,4-Dinitrophenol	14.980	184	12350	14.194	ng/ul	93
55) 4-Nitrophenol	15.080	109	27519	20.207	ng/ul#	81
56) Dibenzofuran	15.279	168	176092	21.597	ng/ul	100
57) 2,4-Dinitrotoluene	15.227	165	47083	22.067	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.503	232	41958	22.356	ng/ul#	88
59) Diethylphthalate	15.679	149	152100	21.063	ng/ul	99
61) Fluorene	15.926	166	149842	22.054	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.908	204	82747	21.947	ng/ul	92
63) 4-Nitroaniline	15.932	138	19269	14.049	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.996	198	23313	18.165	ng/ul#	89
67) N-Nitrosodiphenylamine	16.120	169	130739	22.864	ng/ul	97
68) 4-Bromophenyl-phenylether	16.807	248	57361	23.026	ng/ul#	88
69) Hexachlorobenzene	16.936	284	63929	23.139	ng/ul#	87
70) Atrazine	17.065	200	57759	21.773	ng/ul	99
71) Pentachlorophenol	17.283	266	31285	20.276	ng/ul	92
72) Phenanthrene	17.670	178	245365	22.005	ng/ul	99
74) Anthracene	17.764	178	248216	22.239	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.688	216	69920	21.878	ng/uL	94
76) Pentachlorobenzene	15.203	250	74210	23.858	ng/uL	98
77) Carbazole	18.029	167	224183	22.291	ng/ul	98
78) Di-n-butylphthalate	18.569	149	261434	21.991	ng/ul	100
80) Fluoranthene	19.674	202	324403	22.752	ng/ul#	91
82) Pyrene	20.038	202	317491	22.616	ng/ul#	87
83) Butylbenzylphthalate	20.907	149	113012	23.132	ng/ul#	92
84) 3,3'-Dichlorobenzidine	21.824	252	97727	19.748	ng/ul#	97
85) Benzo(a)anthracene	21.923	228	316993	22.484	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.806	149	167610	23.459	ng/ul#	99
87) Chrysene	21.994	228	299400	22.054	ng/ul	98
89) Di-n-octyl phthalate	23.104	149	274933	22.274	ng/ul	100
90) Benzo(b)fluoranthene	24.314	252	333910	22.549	ng/ul#	96
91) Benzo(k)fluoranthene	24.385	252	302788	22.115	ng/ul#	94
93) Benzo(a)pyrene	25.260	252	309949	22.116	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.443	276	359459	22.407	ng/ul#	90
95) Dibenzo(a,h)anthracene	29.496	278	308562	22.740	ng/ul#	92
96) Benzo(g,h,i)perylene	30.688	276	306155	22.697	ng/ul#	86

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

Instrument :

BNA_G

ClientSampleId :

SSTD020507

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/27/2022
Supervised By :Yogesh Patel 01/28/2022

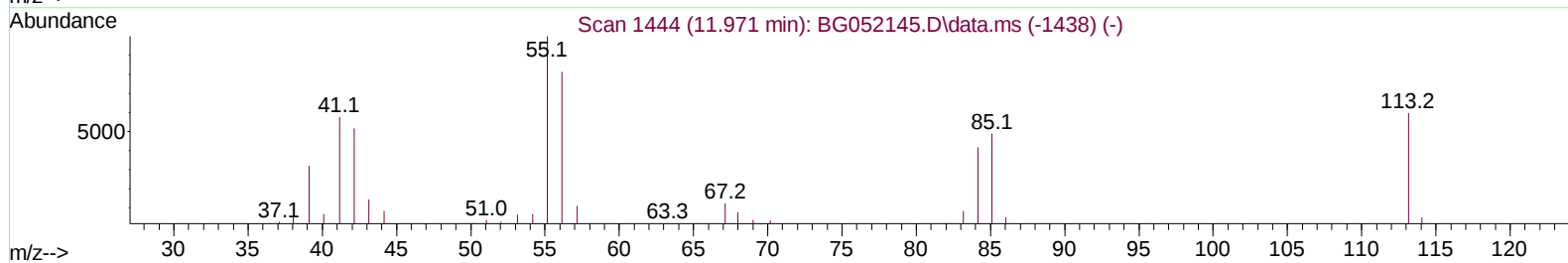
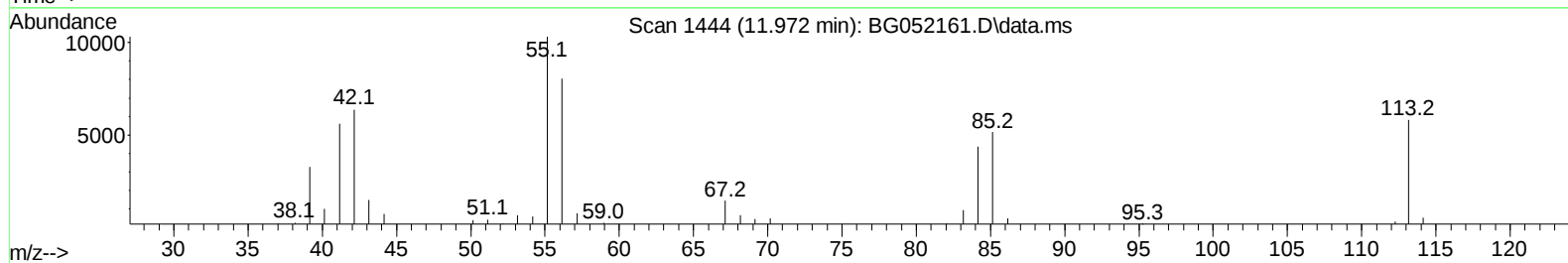
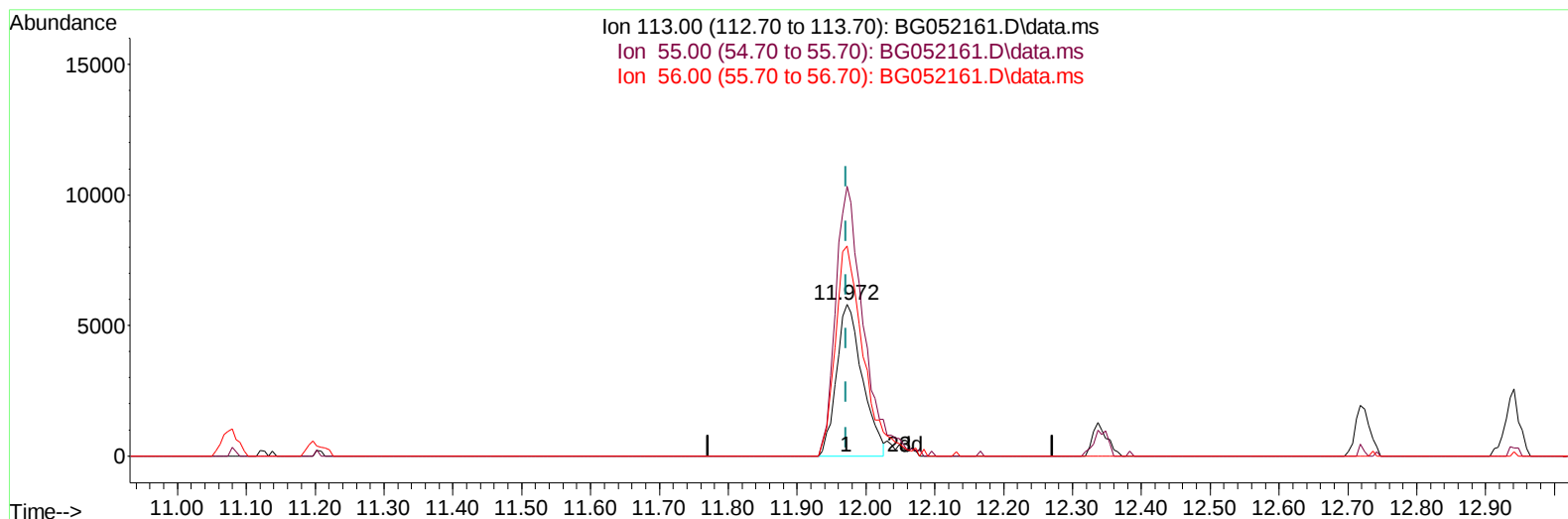
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APPROVED

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Supervised By :Yogesh Patel 01/28/2022



TIC: BG052161.D\data.ms

(34) Caprolactam

11.972min (+ 0.001) 19.84 ng/ul

response 15134

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	178.07
56.00	136.50	138.92
0.00	0.00	0.00

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60) Fluorene-d10	15.873	176	137065	22.147	ng/ul	0.00
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Supervised By :Yogesh Patel 01/28/2022

