

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011922\
 Data File : BG052111.D
 Acq On : 21 Jan 2022 3:32
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020500

Quant Time: Jan 21 22:50:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 14:43:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2022
 Supervised By :mohammad ahmed 01/27/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.246	152	30311	20.000	ng/u1	0.00
20) Naphthalene-d8	11.083	136	125194	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.884	164	89880	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.639	188	216394	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.957	240	205501	20.000	ng/u1	# 0.00
88) Perylene-d12	25.435	264	210147	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.570	96	6093	7.183	ng/uL	0.00
4) Pyridine-d5	3.993	84	50282	19.068	ng/u1	-0.01
7) Phenol-d5	7.382	99	60169	20.282	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.547	67	34823	18.491	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.770	132	42151	21.460	ng/u1	0.00
15) 4-Methylphenol-d8	8.945	113	45721	19.826	ng/u1	0.00
21) Nitrobenzene-d5	9.415	128	21705	21.941	ng/u1	0.00
24) 2-Nitrophenol-d4	10.149	143	24988	22.839	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.696	165	49562	23.176	ng/u1	0.00
31) 4-Chloroaniline-d4	11.207	131	60667	20.370	ng/u1	0.00
46) Dimethylphthalate-d6	14.273	166	147756	19.888	ng/u1	0.00
49) Acenaphthylene-d8	14.579	160	190985	21.282	ng/u1	0.00
54) 4-Nitrophenol-d4	15.066	143	22817	18.370	ng/u1	0.00
60) Fluorene-d10	15.877	176	132527	20.460	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.983	200	25257	18.502	ng/u1	0.00
73) Anthracene-d10	17.733	188	217466	21.185	ng/u1	0.00
81) Pyrene-d10	20.012	212	259596	21.949	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.200	264	242450	21.915	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.611	88	8091	8.267	ng/uL	92
5) Pyridine	4.016	79	50941	18.439	ng/u1	96
6) Benzaldehyde	7.359	77	41536	21.048	ng/u1	94
8) Phenol	7.412	94	59854	19.767	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.641	93	43786	19.754	ng/u1	93
12) 2-Chlorophenol	7.805	128	43007	21.523	ng/u1	93
13) 2-Methylphenol	8.681	108	45262	20.556	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.763	45	60328	17.844	ng/u1	98
16) Acetophenone	9.068	105	69994	19.231	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.045	70	41526	18.675	ng/u1	97
18) 4-Methylphenol	9.010	108	48134	20.180	ng/u1	91
19) Hexachloroethane	9.345	117	17343	20.104	ng/u1#	73
22) Nitrobenzene	9.456	77	60686	19.778	ng/u1	98
23) Isophorone	9.985	82	112597	19.410	ng/u1	99
25) 2-Nitrophenol	10.179	139	26892	22.365	ng/u1	95
26) 2,4-Dimethylphenol	10.226	107	56093	21.500	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.461	93	58466	19.575	ng/u1	96
29) 2,4-Dichlorophenol	10.725	162	46539	22.159	ng/u1	96
30) Naphthalene	11.130	128	146499	21.595	ng/u1	98
32) 4-Chloroaniline	11.230	127	62802	20.692	ng/u1	97
33) Hexachlorobutadiene	11.418	225	35873	21.427	ng/u1	98
34) Caprolactam	11.965	113	15958m	19.523	ng/u1	
35) 4-Chloro-3-methylphenol	12.340	107	53043	21.874	ng/u1	96
36) 2-Methylnaphthalene	12.728	142	103478	21.413	ng/u1	97

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37) 1-Methylnaphthalene	12.946	142	106970	21.569	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.092	216	69200	22.264	ng/ul	97
40) Hexachlorocyclopentadiene	13.075	237	38085	17.857	ng/ul	96
41) 2,4,6-Trichlorophenol	13.327	196	43461	22.123	ng/ul	97
42) 2,4,5-Trichlorophenol	13.398	196	46854	22.125	ng/ul	96
43) 1,1'-Biphenyl	13.721	154	146205	21.071	ng/ul#	95
44) 2-Chloronaphthalene	13.768	162	114540	21.315	ng/ul	95
45) 2-Nitroaniline	13.956	65	39808	19.329	ng/ul	94
47) Dimethylphthalate	14.320	163	144616	19.741	ng/ul	98
48) 2,6-Dinitrotoluene	14.449	165	32020	20.731	ng/ul#	84
50) Acenaphthylene	14.608	152	190645	21.574	ng/ul	97
51) 3-Nitroaniline	14.778	138	32137	23.002	ng/ul	98
52) Acenaphthene	14.949	153	124060	21.114	ng/ul	95
53) 2,4-Dinitrophenol	14.984	184	16416	18.027	ng/ul	87
55) 4-Nitrophenol	15.084	109	25099	17.609	ng/ul	83
56) Dibenzofuran	15.284	168	179659	21.053	ng/ul	97
57) 2,4-Dinitrotoluene	15.231	165	47650	21.338	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.507	232	40531	20.634	ng/ul#	89
59) Diethylphthalate	15.683	149	147498	19.516	ng/ul	95
61) Fluorene	15.930	166	147277	20.711	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.912	204	81721	20.709	ng/ul	96
63) 4-Nitroaniline	15.936	138	31099	21.665	ng/ul	88
66) 4,6-Dinitro-2-methylph...	16.000	198	24483	18.759	ng/ul	93
67) N-Nitrosodiphenylamine	16.129	169	127381	21.907	ng/ul	97
68) 4-Bromophenyl-phenylether	16.811	248	56664	22.368	ng/ul#	85
69) Hexachlorobenzene	16.946	284	61819	22.003	ng/ul#	86
70) Atrazine	17.069	200	56459	20.929	ng/ul	95
71) Pentachlorophenol	17.287	266	30075	19.168	ng/ul	94
72) Phenanthrene	17.680	178	245000	21.607	ng/ul	99
74) Anthracene	17.768	178	240841	21.219	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.692	216	76835	23.642	ng/ul	96
76) Pentachlorobenzene	15.207	250	72471	22.911	ng/ul	96
77) Carbazole	18.033	167	214441	20.967	ng/ul	99
78) Di-n-butylphthalate	18.579	149	250088	20.686	ng/ul	99
80) Fluoranthene	19.683	202	304520	22.281	ng/ul#	89
82) Pyrene	20.042	202	302216	22.459	ng/ul#	89
83) Butylbenzylphthalate	20.911	149	107025	22.854	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.834	252	110549	23.304	ng/ul#	95
85) Benzo(a)anthracene	21.933	228	297654	22.024	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.816	149	153016	22.342	ng/ul#	98
87) Chrysene	22.004	228	283572	21.790	ng/ul	97
89) Di-n-octyl phthalate	23.114	149	257282	22.163	ng/ul	100
90) Benzo(b)fluoranthene	24.324	252	311756	22.385	ng/ul#	95
91) Benzo(k)fluoranthene	24.401	252	291538	22.641	ng/ul#	96
93) Benzo(a)pyrene	25.276	252	293988	22.305	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.464	276	333415	22.099	ng/ul#	89
95) Dibenzo(a,h)anthracene	29.529	278	284160	22.267	ng/ul#	92
96) Benzo(g,h,i)perylene	30.716	276	277091	21.843	ng/ul#	91

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

