

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012622\
 Data File : BG052212.D
 Acq On : 28 Jan 2022 12:49
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020511

Quant Time: Jan 29 00:51:28 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 01/31/2022
 Supervised By :mohammad ahmed 01/31/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.247	152	28678	20.000	ng/u1	0.00
20) Naphthalene-d8	11.084	136	118925	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.885	164	84007	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.634	188	196113	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.952	240	190769	20.000	ng/u1	# 0.00
88) Perylene-d12	25.435	264	193032	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.571	96	6460	8.049	ng/uL	0.00
4) Pyridine-d5	3.994	84	48973m	19.630	ng/u1	0.00
7) Phenol-d5	7.389	99	57280	20.408	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.548	67	34643	19.443	ng/u1	0.00
11) 2-Chlorophenol-d4	7.771	132	42725	22.991	ng/u1	0.00
15) 4-Methylphenol-d8	8.946	113	45750	20.968	ng/u1	0.00
21) Nitrobenzene-d5	9.416	128	21371	22.742	ng/u1	0.00
24) 2-Nitrophenol-d4	10.150	143	24795	23.857	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.697	165	48654	23.950	ng/u1	0.00
31) 4-Chloroaniline-d4	11.208	131	64766	22.893	ng/u1	0.00
46) Dimethylphthalate-d6	14.274	166	146049	21.033	ng/u1	0.00
49) Acenaphthylene-d8	14.580	160	189259	22.564	ng/u1	0.00
54) 4-Nitrophenol-d4	15.067	143	25891	22.302	ng/u1	0.00
60) Fluorene-d10	15.872	176	132131	21.825	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.984	200	26908	21.750	ng/u1	0.00
73) Anthracene-d10	17.734	188	211136	22.695	ng/u1	0.00
81) Pyrene-d10	20.013	212	243366	22.166	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.195	264	229617	22.596	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.606	88	6742	7.281	ng/uL#	79
5) Pyridine	4.017	79	46716	17.873	ng/u1	98
6) Benzaldehyde	7.366	77	31447	16.843	ng/u1	92
8) Phenol	7.419	94	57223	19.974	ng/u1#	92
10) Bis(2-Chloroethyl)ether	7.648	93	42666	20.345	ng/u1	96
12) 2-Chlorophenol	7.806	128	42210	22.327	ng/u1	97
13) 2-Methylphenol	8.688	108	44203	21.218	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.776	45	58881	18.408	ng/u1	97
16) Acetophenone	9.069	105	69416	20.158	ng/u1	100
17) N-Nitroso-di-n-propyla...	9.046	70	39310	18.685	ng/u1	98
18) 4-Methylphenol	9.017	108	47691	21.133	ng/u1	89
19) Hexachloroethane	9.345	117	17399	21.317	ng/u1#	72
22) Nitrobenzene	9.457	77	58464	20.058	ng/u1	98
23) Isophorone	9.986	82	109561	19.882	ng/u1	97
25) 2-Nitrophenol	10.180	139	25302	22.152	ng/u1	99
26) 2,4-Dimethylphenol	10.233	107	55065	22.218	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.462	93	58775	20.716	ng/u1	99
29) 2,4-Dichlorophenol	10.726	162	45438	22.775	ng/u1	96
30) Naphthalene	11.131	128	140964	21.874	ng/u1	96
32) 4-Chloroaniline	11.231	127	64992	22.542	ng/u1	98
33) Hexachlorobutadiene	11.419	225	35456	22.295	ng/u1	94
34) Caprolactam	11.977	113	15755	20.290	ng/u1	99
35) 4-Chloro-3-methylphenol	12.347	107	51199	22.226	ng/u1	91
36) 2-Methylnaphthalene	12.729	142	100178	21.823	ng/u1	98

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37) 1-Methylnaphthalene	12.946	142	102899	21.842	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.093	216	66113	22.758	ng/ul	96
40) Hexachlorocyclopentadiene	13.076	237	41939	21.039	ng/ul	96
41) 2,4,6-Trichlorophenol	13.322	196	41806	22.769	ng/ul	100
42) 2,4,5-Trichlorophenol	13.399	196	47301	23.897	ng/ul	98
43) 1,1'-Biphenyl	13.722	154	142356	21.950	ng/ul#	94
44) 2-Chloronaphthalene	13.769	162	109723	21.846	ng/ul	98
45) 2-Nitroaniline	13.963	65	38319	19.907	ng/ul	94
47) Dimethylphthalate	14.321	163	140154	20.470	ng/ul	98
48) 2,6-Dinitrotoluene	14.444	165	30288	20.980	ng/ul	99
50) Acenaphthylene	14.609	152	182506	22.096	ng/ul	96
51) 3-Nitroaniline	14.779	138	23318	17.856	ng/ul#	98
52) Acenaphthene	14.950	153	118641	21.604	ng/ul	95
53) 2,4-Dinitrophenol	14.985	184	21210	24.920	ng/ul	93
55) 4-Nitrophenol	15.085	109	27050	20.304	ng/ul	84
56) Dibenzofuran	15.279	168	169521	21.254	ng/ul	99
57) 2,4-Dinitrotoluene	15.232	165	43626	20.902	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.508	232	41627	22.674	ng/ul#	88
59) Diethylphthalate	15.678	149	143551	20.322	ng/ul	97
61) Fluorene	15.931	166	141391	21.274	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.913	204	78138	21.186	ng/ul	94
63) 4-Nitroaniline	15.937	138	15379	11.462	ng/ul#	90
66) 4,6-Dinitro-2-methylph...	16.001	198	25987	21.971	ng/ul#	91
67) N-Nitrosodiphenylamine	16.125	169	125144	23.748	ng/ul	96
68) 4-Bromophenyl-phenylether	16.812	248	53663	23.374	ng/ul#	88
69) Hexachlorobenzene	16.941	284	58673	23.043	ng/ul#	91
70) Atrazine	17.064	200	54918	22.463	ng/ul	98
71) Pentachlorophenol	17.282	266	32000	22.504	ng/ul	90
72) Phenanthrene	17.675	178	227982	22.186	ng/ul	99
74) Anthracene	17.769	178	230947	22.451	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.693	216	68810	23.362	ng/ul	95
76) Pentachlorobenzene	15.208	250	70806	24.700	ng/ul	97
77) Carbazole	18.034	167	206894	22.321	ng/ul	98
78) Di-n-butylphthalate	18.574	149	229166	20.916	ng/ul	98
80) Fluoranthene	19.679	202	282593	22.273	ng/ul#	89
82) Pyrene	20.043	202	272401	21.806	ng/ul#	87
83) Butylbenzylphthalate	20.912	149	101913	23.443	ng/ul#	91
84) 3,3'-Dichlorobenzidine	21.829	252	95378	21.658	ng/ul#	98
85) Benzo(a)anthracene	21.934	228	284562	22.682	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.811	149	147619	23.219	ng/ul#	99
87) Chrysene	22.005	228	269863	22.338	ng/ul	97
89) Di-n-octyl phthalate	23.109	149	251159	23.554	ng/ul	100
90) Benzo(b)fluoranthene	24.319	252	291895	22.818	ng/ul#	96
91) Benzo(k)fluoranthene	24.396	252	272196	23.013	ng/ul#	96
93) Benzo(a)pyrene	25.271	252	275529	22.758	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.448	276	314208	22.672	ng/ul#	89
95) Dibenzo(a,h)anthracene	29.518	278	271629	23.172	ng/ul#	91
96) Benzo(g,h,i)perylene	30.717	276	266155	22.841	ng/ul#	90

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

