

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011922\
 Data File : BG052103.D
 Acq On : 20 Jan 2022 21:54
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020499

Quant Time: Jan 21 01:14:14 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 01/21/2022
 Supervised By :Yogesh Patel 01/23/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.246	152	27399	20.000	ng/u1	0.00
20) Naphthalene-d8	11.084	136	119759	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.890	164	89405	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.634	188	213395	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.957	240	205152	20.000	ng/u1	# 0.00
88) Perylene-d12	25.441	264	207196	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.565	96	5802m	7.567	ng/uL	-0.01
4) Pyridine-d5	3.993	84	46348	19.445	ng/u1	-0.01
7) Phenol-d5	7.383	99	57387	21.400	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.547	67	32750	19.239	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.771	132	39846	22.443	ng/u1	0.00
15) 4-Methylphenol-d8	8.945	113	45730	21.937	ng/u1	0.00
21) Nitrobenzene-d5	9.415	128	20575	21.742	ng/u1	0.00
24) 2-Nitrophenol-d4	10.144	143	24174	23.098	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.696	165	48538	23.727	ng/u1	0.00
31) 4-Chloroaniline-d4	11.207	131	59892	21.023	ng/u1	0.00
46) Dimethylphthalate-d6	14.274	166	147730	19.990	ng/u1	0.00
49) Acenaphthylene-d8	14.585	160	193287	21.653	ng/u1	0.00
54) 4-Nitrophenol-d4	15.067	143	24047	19.463	ng/u1	0.00
60) Fluorene-d10	15.877	176	134404	20.860	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.989	200	25642	19.048	ng/u1	0.00
73) Anthracene-d10	17.734	188	216165	21.354	ng/u1	0.00
81) Pyrene-d10	20.013	212	255376	21.629	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.200	264	236741	21.704	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.606	88	7425	8.392	ng/uL	87
5) Pyridine	4.017	79	47955	19.203	ng/u1	96
6) Benzaldehyde	7.365	77	39766m	22.292	ng/u1	
8) Phenol	7.412	94	59399	21.701	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.641	93	41134	20.530	ng/u1	94
12) 2-Chlorophenol	7.800	128	42288	23.413	ng/u1	97
13) 2-Methylphenol	8.681	108	43278	21.744	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.769	45	58586	19.171	ng/u1	97
16) Acetophenone	9.069	105	68857	20.929	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.045	70	39756	19.779	ng/u1	98
18) 4-Methylphenol	9.010	108	46581	21.605	ng/u1	99
19) Hexachloroethane	9.345	117	16257	20.848	ng/u1#	75
22) Nitrobenzene	9.457	77	58162	19.816	ng/u1#	97
23) Isophorone	9.985	82	108622	19.574	ng/u1	98
25) 2-Nitrophenol	10.179	139	25882	22.502	ng/u1	95
26) 2,4-Dimethylphenol	10.232	107	54044	21.654	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.461	93	57608	20.163	ng/u1	98
29) 2,4-Dichlorophenol	10.725	162	45481	22.638	ng/u1	97
30) Naphthalene	11.137	128	140408	21.636	ng/u1	99
32) 4-Chloroaniline	11.231	127	60990	21.007	ng/u1	94
33) Hexachlorobutadiene	11.419	225	34557	21.578	ng/u1	95
34) Caprolactam	11.977	113	16136m	20.636	ng/u1	
35) 4-Chloro-3-methylphenol	12.341	107	52739	22.735	ng/u1	97
36) 2-Methylnaphthalene	12.729	142	102615	22.199	ng/u1	98

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37) 1-Methylnaphthalene	12.946	142	106969	22.548	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	13.093	216	68396	22.122	ng/ul	98
40) Hexachlorocyclopentadiene	13.075	237	36828	17.360	ng/ul	98
41) 2,4,6-Trichlorophenol	13.328	196	43942	22.487	ng/ul	98
42) 2,4,5-Trichlorophenol	13.398	196	46540	22.093	ng/ul	98
43) 1,1'-Biphenyl	13.721	154	147515	21.373	ng/ul#	94
44) 2-Chloronaphthalene	13.768	162	115067	21.527	ng/ul	98
45) 2-Nitroaniline	13.962	65	40180	19.614	ng/ul	94
47) Dimethylphthalate	14.321	163	145783	20.006	ng/ul	99
48) 2,6-Dinitrotoluene	14.444	165	32801	21.349	ng/ul	92
50) Acenaphthylene	14.608	152	189664	21.577	ng/ul	96
51) 3-Nitroaniline	14.779	138	31524	22.683	ng/ul	99
52) Acenaphthene	14.949	153	123280	21.093	ng/ul	94
53) 2,4-Dinitrophenol	14.984	184	20718	22.872	ng/ul	89
55) 4-Nitrophenol	15.084	109	25517	17.997	ng/ul	84
56) Dibenzofuran	15.284	168	178280	21.003	ng/ul	99
57) 2,4-Dinitrotoluene	15.237	165	46386	20.883	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.507	232	42666	21.836	ng/ul	91
59) Diethylphthalate	15.683	149	149688	19.911	ng/ul	98
61) Fluorene	15.930	166	149007	21.066	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.918	204	81440	20.748	ng/ul	93
63) 4-Nitroaniline	15.936	138	30552	21.397	ng/ul	92
66) 4,6-Dinitro-2-methylph...	16.001	198	24519	19.051	ng/ul	94
67) N-Nitrosodiphenylamine	16.124	169	130284	22.721	ng/ul	93
68) 4-Bromophenyl-phenylether	16.811	248	57696	23.095	ng/ul#	89
69) Hexachlorobenzene	16.946	284	63143	22.790	ng/ul#	86
70) Atrazine	17.070	200	54775	20.590	ng/ul	97
71) Pentachlorophenol	17.287	266	34830	22.510	ng/ul	96
72) Phenanthrene	17.681	178	241307	21.581	ng/ul	99
74) Anthracene	17.769	178	240590	21.495	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.692	216	76175	23.768	ng/ul	96
76) Pentachlorobenzene	15.208	250	73252	23.484	ng/ul	99
77) Carbazole	18.033	167	213601	21.179	ng/ul	98
78) Di-n-butylphthalate	18.574	149	248627	20.855	ng/ul	100
80) Fluoranthene	19.684	202	301956	22.131	ng/ul#	89
82) Pyrene	20.042	202	296315	22.058	ng/ul#	87
83) Butylbenzylphthalate	20.912	149	106453	22.770	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.834	252	110860	23.409	ng/ul#	95
85) Benzo(a)anthracene	21.934	228	293792	21.776	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.816	149	151848	22.209	ng/ul#	99
87) Chrysene	22.004	228	275386	21.197	ng/ul	99
89) Di-n-octyl phthalate	23.115	149	253984	22.191	ng/ul	100
90) Benzo(b)fluoranthene	24.325	252	300958	21.918	ng/ul#	96
91) Benzo(k)fluoranthene	24.401	252	286021	22.529	ng/ul#	97
93) Benzo(a)pyrene	25.276	252	285363	21.959	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.471	276	329700	22.164	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.524	278	277397	22.047	ng/ul#	92
96) Benzo(g,h,i)perylene	30.722	276	272959	21.824	ng/ul#	91

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

