

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
 Data File : BG051002.D
 Acq On : 12 Nov 2021 17:17
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020551

Quant Time: Nov 15 01:46:41 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 15 00:27:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	35352	20.000	ng/u1	0.00
20) Naphthalene-d8	11.073	136	158424	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.869	164	107638	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.618	188	218954	20.000	ng/u1	0.00
79) Chrysene-d12	21.919	240	165624	20.000	ng/u1	0.00
88) Perylene-d12	25.339	264	167217	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.599	96	6749	6.162	ng/uL	0.00
4) Pyridine-d5	4.064	84	54467	16.622	ng/u1	0.00
7) Phenol-d5	7.389	99	64958	17.224	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.560	67	40436	16.598	ng/u1	0.00
11) 2-Chlorophenol-d4	7.771	132	46182	17.669	ng/u1	0.00
15) 4-Methylphenol-d8	8.946	113	51427	17.321	ng/u1	0.00
21) Nitrobenzene-d5	9.422	128	24290	18.042	ng/u1	0.00
24) 2-Nitrophenol-d4	10.145	143	28978	19.358	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.685	165	48513	19.239	ng/u1	0.00
31) 4-Chloroaniline-d4	11.208	131	69456	18.188	ng/u1	0.00
46) Dimethylphthalate-d6	14.269	166	147935	17.964	ng/u1	0.00
49) Acenaphthylene-d8	14.569	160	190187	18.537	ng/u1	0.00
54) 4-Nitrophenol-d4	15.063	143	27851	18.653	ng/u1	0.00
60) Fluorene-d10	15.856	176	130108	17.835	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.979	200	23790	17.921	ng/u1	0.00
73) Anthracene-d10	17.712	188	196023	18.936	ng/u1	0.00
81) Pyrene-d10	19.992	212	197742	18.485	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.104	264	163232	17.658	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.635	88	8577	7.129	ng/uL#	87
5) Pyridine	4.087	79	59923	17.666	ng/u1	96
6) Benzaldehyde	7.383	77	48876	20.547	ng/u1	91
8) Phenol	7.419	94	66347	17.006	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.654	93	48553	16.627	ng/u1	99
12) 2-Chlorophenol	7.800	128	46341	17.462	ng/u1	98
13) 2-Methylphenol	8.682	108	49422	17.139	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.758	45	73803	16.045	ng/u1	99
16) Acetophenone	9.081	105	81862	17.748	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.058	70	47733	17.153	ng/u1	100
18) 4-Methylphenol	9.011	108	53662	17.477	ng/u1	99
19) Hexachloroethane	9.328	117	19037	17.157	ng/u1	91
22) Nitrobenzene	9.463	77	67106	17.872	ng/u1	98
23) Isophorone	10.016	82	129905	17.826	ng/u1	97
25) 2-Nitrophenol	10.174	139	29521	19.657	ng/u1	99
26) 2,4-Dimethylphenol	10.221	107	63074	19.083	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.462	93	67846	17.279	ng/u1	97
29) 2,4-Dichlorophenol	10.715	162	46629	18.957	ng/u1	97
30) Naphthalene	11.120	128	163860	18.915	ng/u1	98
32) 4-Chloroaniline	11.232	127	70173	18.506	ng/u1	98
33) Hexachlorobutadiene	11.384	225	31622	19.588	ng/u1	98
34) Caprolactam	12.137	113	17682	16.933	ng/u1	96
35) 4-Chloro-3-methylphenol	12.330	107	58309	18.557	ng/u1	98
36) 2-Methylnaphthalene	12.712	142	107491	18.213	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.930	142	110307	18.446	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.071	216	62454	19.913	ng/ul	96
40) Hexachlorocyclopentadiene	13.041	237	29299	19.454	ng/ul	96
41) 2,4,6-Trichlorophenol	13.306	196	42830	20.870	ng/ul	98
42) 2,4,5-Trichlorophenol	13.382	196	45127	20.482	ng/ul	98
43) 1,1'-Biphenyl	13.705	154	148700	18.900	ng/ul	95
44) 2-Chloronaphthalene	13.752	162	118992	19.300	ng/ul	99
45) 2-Nitroaniline	13.958	65	42294	17.266	ng/ul	95
47) Dimethylphthalate	14.316	163	149461	18.152	ng/ul	100
48) 2,6-Dinitrotoluene	14.440	165	31314	18.170	ng/ul	95
50) Acenaphthylene	14.598	152	190785	18.554	ng/ul	99
51) 3-Nitroaniline	14.775	138	33698	18.906	ng/ul	96
52) Acenaphthene	14.933	153	124066	18.349	ng/ul	97
53) 2,4-Dinitrophenol	14.986	184	17462	18.367	ng/ul	93
55) 4-Nitrophenol	15.080	109	24876	18.166	ng/ul	88
56) Dibenzofuran	15.268	168	175053	18.088	ng/ul	100
57) 2,4-Dinitrotoluene	15.227	165	43742	17.785	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.491	232	37222	21.497	ng/ul	92
59) Diethylphthalate	15.668	149	152771	17.333	ng/ul	99
61) Fluorene	15.914	166	137627	17.967	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.897	204	74553	18.690	ng/ul	97
63) 4-Nitroaniline	15.938	138	33755	19.089	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.991	198	23426	18.096	ng/ul	97
67) N-Nitrosodiphenylamine	16.114	169	122072	19.946	ng/ul	99
68) 4-Bromophenyl-phenylether	16.790	248	44752	20.547	ng/ul	96
69) Hexachlorobenzene	16.913	284	46894	20.943	ng/ul	96
70) Atrazine	17.060	200	46740	18.009	ng/ul	98
71) Pentachlorophenol	17.260	266	26493	25.772	ng/ul	98
72) Phenanthrene	17.660	178	218233	18.672	ng/ul	100
74) Anthracene	17.748	178	223270	19.039	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.676	216	65541	21.984	ng/ul	97
76) Pentachlorobenzene	15.186	250	59761	21.634	ng/ul	97
77) Carbazole	18.018	167	196039	18.651	ng/ul	98
78) Di-n-butylphthalate	18.553	149	239248	17.323	ng/ul	99
80) Fluoranthene	19.657	202	238046	18.542	ng/ul	96
82) Pyrene	20.021	202	233585	18.621	ng/ul#	95
83) Butylbenzylphthalate	20.885	149	90825	16.837	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.802	252	77426	19.196	ng/ul	100
85) Benzo(a)anthracene	21.896	228	207987	18.140	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.761	149	130415	16.843	ng/ul	97
87) Chrysene	21.966	228	202518	18.489	ng/ul	99
89) Di-n-octyl phthalate	23.036	149	222605	16.352	ng/ul	100
90) Benzo(b)fluoranthene	24.246	252	209071	17.551	ng/ul	97
91) Benzo(k)fluoranthene	24.316	252	195033	17.447	ng/ul	98
93) Benzo(a)pyrene	25.180	252	201881	17.794	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.281	276	227446	18.009	ng/ul	96
95) Dibenzo(a,h)anthracene	29.346	278	193010	18.061	ng/ul#	95
96) Benzo(g,h,i)perylene	30.521	276	187343	17.720	ng/ul	94

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

