

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
 Data File : BG051227.D
 Acq On : 25 Nov 2021 1:42
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020559

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021

Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 25 07:33:56 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Nov 24 06:04:50 2021

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	34348	20.000	ng/u1	0.00
20) Naphthalene-d8	11.026	136	149926	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.834	164	102464	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.583	188	221061	20.000	ng/u1	0.00
79) Chrysene-d12	21.884	240	189264	20.000	ng/u1	0.00
88) Perylene-d12	25.286	264	191689	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.541	96	6766	6.845	ng/uL	0.00
4) Pyridine-d5	3.970	84	48831	16.836	ng/u1	0.00
7) Phenol-d5	7.360	99	60952	17.955	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.513	67	37719	17.691	ng/u1	0.00
11) 2-Chlorophenol-d4	7.730	132	44533	18.217	ng/u1	0.00
15) 4-Methylphenol-d8	8.911	113	48658	17.762	ng/u1	0.00
21) Nitrobenzene-d5	9.375	128	22699	17.935	ng/u1	0.00
24) 2-Nitrophenol-d4	10.104	143	26801	18.773	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.650	165	46408	19.159	ng/u1	0.00
31) 4-Chloroaniline-d4	11.167	131	63924	18.036	ng/u1	0.00
46) Dimethylphthalate-d6	14.223	166	140482	17.819	ng/u1	0.00
49) Acenaphthylene-d8	14.528	160	184656	18.574	ng/u1	0.00
54) 4-Nitrophenol-d4	15.051	143	20512	16.073	ng/u1	0.00
60) Fluorene-d10	15.821	176	129736	18.274	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.956	200	22167	16.250	ng/u1	0.00
73) Anthracene-d10	17.683	188	195999	18.538	ng/u1	0.00
81) Pyrene-d10	19.957	212	216500	18.905	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.045	264	185003	18.071	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.576	88	7121	6.388	ng/uL	98
5) Pyridine	3.993	79	52437	17.375	ng/u1	94
6) Benzaldehyde	7.331	77	44804	20.724	ng/u1	96
8) Phenol	7.389	94	63809	18.144	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.607	93	47112	17.708	ng/u1	95
12) 2-Chlorophenol	7.765	128	44710	17.948	ng/u1	97
13) 2-Methylphenol	8.647	108	46787	17.861	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.723	45	68671	17.886	ng/u1	98
16) Acetophenone	9.029	105	74136	17.496	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.999	70	42115	17.296	ng/u1	99
18) 4-Methylphenol	8.976	108	49542	17.687	ng/u1	98
19) Hexachloroethane	9.281	117	19041	18.097	ng/u1	96
22) Nitrobenzene	9.422	77	62211	18.747	ng/u1	96
23) Isophorone	9.939	82	115241	17.874	ng/u1	98
25) 2-Nitrophenol	10.133	139	26908	18.197	ng/u1	99
26) 2,4-Dimethylphenol	10.186	107	57480	19.012	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.415	93	64497	18.121	ng/u1	98
29) 2,4-Dichlorophenol	10.680	162	45116	18.921	ng/u1	95
30) Naphthalene	11.079	128	150216	18.414	ng/u1	98
32) 4-Chloroaniline	11.191	127	63851	17.945	ng/u1	100
33) Hexachlorobutadiene	11.344	225	29970	18.223	ng/u1	96
34) Caprolactam	11.955	113	16519	17.622	ng/u1	92
35) 4-Chloro-3-methylphenol	12.307	107	54841	19.146	ng/u1	96
36) 2-Methylnaphthalene	12.671	142	102709	18.510	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.889	142	104620	18.326	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.030	216	59577	18.521	ng/ul	98
40) Hexachlorocyclopentadiene	13.000	237	22239	17.104	ng/ul	97
41) 2,4,6-Trichlorophenol	13.277	196	38731	19.187	ng/ul	98
42) 2,4,5-Trichlorophenol	13.359	196	39230	18.558	ng/ul	99
43) 1,1'-Biphenyl	13.664	154	139825	18.271	ng/ul	99
44) 2-Chloronaphthalene	13.717	162	113845	18.701	ng/ul	99
45) 2-Nitroaniline	13.923	65	39978	18.975	ng/ul	92
47) Dimethylphthalate	14.270	163	139196	17.443	ng/ul	99
48) 2,6-Dinitrotoluene	14.411	165	30250	18.046	ng/ul	96
50) Acenaphthylene	14.557	152	179808	18.306	ng/ul	99
51) 3-Nitroaniline	14.745	138	33737	20.361	ng/ul	94
52) Acenaphthene	14.892	153	119489	18.446	ng/ul	99
53) 2,4-Dinitrophenol	14.963	184	14961	16.147	ng/ul#	83
55) 4-Nitrophenol	15.063	109	20905m	18.883	ng/ul	
56) Dibenzofuran	15.227	168	168625	18.048	ng/ul	100
57) 2,4-Dinitrotoluene	15.198	165	44434	18.559	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.462	232	29897	18.010	ng/ul#	98
59) Diethylphthalate	15.627	149	149552	17.854	ng/ul	100
61) Fluorene	15.879	166	135908	18.160	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.862	204	71568	17.744	ng/ul	95
63) 4-Nitroaniline	15.909	138	33804	20.965	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.968	198	21352	16.230	ng/ul#	99
67) N-Nitrosodiphenylamine	16.079	169	118803	18.773	ng/ul	98
68) 4-Bromophenyl-phenylether	16.755	248	43610	18.407	ng/ul	94
69) Hexachlorobenzene	16.884	284	45124	18.678	ng/ul	97
70) Atrazine	17.019	200	49370	18.562	ng/ul	98
71) Pentachlorophenol	17.237	266	19537	18.250	ng/ul	96
72) Phenanthrene	17.624	178	224719	18.411	ng/ul	99
74) Anthracene	17.718	178	225838	18.630	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.635	216	64062	19.868	ng/ul	99
76) Pentachlorobenzene	15.145	250	57995	19.303	ng/ul	98
77) Carbazole	17.989	167	201631	18.950	ng/ul	99
78) Di-n-butylphthalate	18.512	149	256390	18.688	ng/ul	99
80) Fluoranthene	19.628	202	264688	18.818	ng/ul	96
82) Pyrene	19.986	202	261108	18.977	ng/ul	97
83) Butylbenzylphthalate	20.850	149	109490	19.141	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.767	252	80080	18.173	ng/ul	96
85) Benzo(a)anthracene	21.861	228	239776	18.679	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.720	149	154073	18.718	ng/ul	99
87) Chrysene	21.931	228	227434	18.442	ng/ul	100
89) Di-n-octyl phthalate	22.983	149	261727	18.847	ng/ul	100
90) Benzo(b)fluoranthene	24.193	252	235167	18.179	ng/ul	98
91) Benzo(k)fluoranthene	24.264	252	219120	18.050	ng/ul	99
93) Benzo(a)pyrene	25.122	252	225155	18.244	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.205	276	251549	18.214	ng/ul	98
95) Dibenzo(a,h)anthracene	29.246	278	214843	18.337	ng/ul	97
96) Benzo(g,h,i)perylene	30.433	276	208713	17.962	ng/ul	96

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

