

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
 Data File : BG051793.D
 Acq On : 23 Dec 2021 20:26
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020499

Quant Time: Dec 24 00:13:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 23 13:37:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	31937	20.000	ng/u1	-0.02
20) Naphthalene-d8	11.107	136	135811	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.908	164	97420	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.657	188	217438	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.975	240	184975	20.000	ng/u1	#-0.01
88) Perylene-d12	25.464	264	184675	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.600	96	5881	7.648	ng/uL	0.00
4) Pyridine-d5	4.023	84	51032	21.963	ng/u1	-0.02
7) Phenol-d5	7.406	99	62489	21.914	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.577	67	37763	22.277	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.800	132	44340	22.357	ng/u1	-0.01
15) 4-Methylphenol-d8	8.969	113	49328	22.379	ng/u1	-0.01
21) Nitrobenzene-d5	9.439	128	22585	22.682	ng/u1	-0.02
24) 2-Nitrophenol-d4	10.173	143	25827	23.728	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.719	165	51929	22.000	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.230	131	64378	20.715	ng/u1	-0.01
46) Dimethylphthalate-d6	14.297	166	151563	19.437	ng/u1	-0.02
49) Acenaphthylene-d8	14.602	160	196799	20.322	ng/u1	-0.01
54) 4-Nitrophenol-d4	15.078	143	22700	17.902	ng/u1	0.00
60) Fluorene-d10	15.895	176	134329	19.228	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	16.000	200	20182	17.815	ng/u1	-0.01
73) Anthracene-d10	17.751	188	215790	20.804	ng/u1	-0.01
81) Pyrene-d10	20.030	212	242071	21.744	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.223	264	204996	21.097	ng/u1	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.635	88	6508	8.109	ng/uL	97
5) Pyridine	4.046	79	51829	22.235	ng/u1	95
6) Benzaldehyde	7.389	77	45014	25.301	ng/u1	93
8) Phenol	7.436	94	64265	22.665	ng/u1	90
10) Bis(2-Chloroethyl)ether	7.671	93	45733	21.142	ng/u1	98
12) 2-Chlorophenol	7.829	128	47008	23.107	ng/u1	97
13) 2-Methylphenol	8.704	108	47669	22.282	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.798	45	65827	22.434	ng/u1	98
16) Acetophenone	9.092	105	76628	22.132	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.075	70	44289	21.318	ng/u1	98
18) 4-Methylphenol	9.033	108	50567	22.426	ng/u1	100
19) Hexachloroethane	9.380	117	18997	21.401	ng/u1#	82
22) Nitrobenzene	9.480	77	63052	21.771	ng/u1#	95
23) Isophorone	10.009	82	118544	20.388	ng/u1	96
25) 2-Nitrophenol	10.202	139	28193	24.231	ng/u1	97
26) 2,4-Dimethylphenol	10.249	107	58344	20.813	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.484	93	64162	20.782	ng/u1	94
29) 2,4-Dichlorophenol	10.749	162	47684	21.232	ng/u1	94
30) Naphthalene	11.160	128	151882	20.758	ng/u1	98
32) 4-Chloroaniline	11.254	127	64994	20.480	ng/u1	96
33) Hexachlorobutadiene	11.448	225	38511	20.197	ng/u1	94
34) Caprolactam	11.994	113	15462	22.740	ng/u1	81
35) 4-Chloro-3-methylphenol	12.358	107	51991	20.660	ng/u1	87
36) 2-Methylnaphthalene	12.752	142	109391	20.956	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.969	142	110021	20.299	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.110	216	69344	20.464	ng/ul	97
40) Hexachlorocyclopentadiene	13.098	237	37987	15.439	ng/ul	95
41) 2,4,6-Trichlorophenol	13.345	196	43687	21.297	ng/ul	95
42) 2,4,5-Trichlorophenol	13.416	196	47560	22.122	ng/ul	93
43) 1,1'-Biphenyl	13.745	154	152971	20.499	ng/ul#	93
44) 2-Chloronaphthalene	13.792	162	120009	20.801	ng/ul	98
45) 2-Nitroaniline	13.980	65	40999	23.262	ng/ul	91
47) Dimethylphthalate	14.344	163	147262	19.453	ng/ul	99
48) 2,6-Dinitrotoluene	14.461	165	31480	21.753	ng/ul	93
50) Acenaphthylene	14.632	152	192935	20.363	ng/ul	97
51) 3-Nitroaniline	14.790	138	31196	22.544	ng/ul	92
52) Acenaphthene	14.972	153	125351	20.026	ng/ul	95
53) 2,4-Dinitrophenol	14.996	184	15875	18.977	ng/ul#	80
55) 4-Nitrophenol	15.090	109	23840	17.524	ng/ul	83
56) Dibenzofuran	15.301	168	178972	19.415	ng/ul	98
57) 2,4-Dinitrotoluene	15.249	165	43091	21.009	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.525	232	39517	19.341	ng/ul#	91
59) Diethylphthalate	15.701	149	148241	18.798	ng/ul	98
61) Fluorene	15.953	166	148260	19.519	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.936	204	81423	19.246	ng/ul	95
63) 4-Nitroaniline	15.953	138	31342	22.084	ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.012	198	19423	17.458	ng/ul	95
67) N-Nitrosodiphenylamine	16.147	169	127601	21.818	ng/ul	95
68) 4-Bromophenyl-phenylether	16.835	248	54235	24.492	ng/ul#	86
69) Hexachlorobenzene	16.964	284	60112	21.602	ng/ul#	90
70) Atrazine	17.087	200	54262	20.676	ng/ul	96
71) Pentachlorophenol	17.299	266	32923	19.310	ng/ul	97
72) Phenanthrene	17.698	178	232163	20.759	ng/ul	99
74) Anthracene	17.786	178	233961	20.708	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.715	216	77461	23.156	ng/ul	96
76) Pentachlorobenzene	15.231	250	71117	22.239	ng/ul	97
77) Carbazole	18.051	167	210821	20.838	ng/ul	97
78) Di-n-butylphthalate	18.597	149	248091	20.376	ng/ul	99
80) Fluoranthene	19.695	202	284347	22.252	ng/ul#	90
82) Pyrene	20.060	202	272507	21.549	ng/ul#	88
83) Butylbenzylphthalate	20.929	149	92345	21.774	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.851	252	95521	21.911	ng/ul#	97
85) Benzo(a)anthracene	21.951	228	257099	21.364	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.834	149	130879	22.031	ng/ul#	97
87) Chrysene	22.022	228	240479	20.684	ng/ul	98
89) Di-n-octyl phthalate	23.144	149	222956	22.415	ng/ul	100
90) Benzo(b)fluoranthene	24.354	252	254412	20.567	ng/ul#	94
91) Benzo(k)fluoranthene	24.424	252	240240	20.739	ng/ul#	95
93) Benzo(a)pyrene	25.305	252	241421	20.680	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.506	276	263605	20.683	ng/ul#	86
95) Dibenzo(a,h)anthracene	29.576	278	220374	20.244	ng/ul#	91
96) Benzo(g,h,i)perylene	30.751	276	211585	19.590	ng/ul#	90

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

