

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050379.D
 Acq On : 2 Oct 2021 7:23
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020523

Manual Integrations
 APPROVED

mohammad
 10/4/2021 11:50:56 AM

Quant Time: Oct 02 08:03:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 16:27:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	51795	20.00	ng/ul	0.00
20) Naphthalene-d8	11.096	136	213460	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.886	164	141230	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.630	188	305047	20.00	ng/ul	0.00
79) Chrysene-d12	21.931	240	281092	20.00	ng/ul	-0.02
88) Perylene-d12	25.350	264	282852	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.640	96	11335m	8.04	ng/uL	0.00
4) Pyridine-d5	4.063	84	87757	20.89	ng/ul	0.00
7) Phenol-d5	7.401	99	94296	20.84	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.583	67	61325	21.53	ng/ul	0.00
11) 2-Chlorophenol-d4	7.794	132	67222	21.20	ng/ul	0.00
15) 4-Methylphenol-d8	8.958	113	72822	21.26	ng/ul	0.00
21) Nitrobenzene-d5	9.439	128	35029	23.46	ng/ul	0.00
24) 2-Nitrophenol-d4	10.168	143	36114	22.53	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.697	165	68084	21.51	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.220	131	93496	20.68	ng/ul	0.00
46) Dimethylphthalate-d6	14.281	166	199620	20.65	ng/ul	-0.01
49) Acenaphthylene-d8	14.580	160	258615	21.31	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.051	143	37346	20.06	ng/ul	0.00
60) Fluorene-d10	15.873	176	177879	20.43	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.979	200	31328	20.59	ng/ul	0.00
73) Anthracene-d10	17.730	188	274106	21.27	ng/ul	0.00
81) Pyrene-d10	19.998	212	319584	21.38	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.115	264	303520	21.34	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.676	88	13914	8.16	ng/uL	88
5) Pyridine	4.087	79	89941	21.14	ng/ul	95
6) Benzaldehyde	7.401	77	73326	24.57	ng/ul	92
8) Phenol	7.430	94	99522	21.46	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.677	93	74512	21.42	ng/ul	98
12) 2-Chlorophenol	7.824	128	68159	21.01	ng/ul#	93
13) 2-Methylphenol	8.699	108	72400	21.18	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.793	45	116764	22.37	ng/ul	98
16) Acetophenone	9.093	105	113977	20.94	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.069	70	70328	21.50	ng/ul	92
18) 4-Methylphenol	9.022	108	75976	20.99	ng/ul	94
19) Hexachloroethane	9.363	117	30156	21.63	ng/ul	97
22) Nitrobenzene	9.481	77	101977	22.79	ng/ul	98
23) Isophorone	10.003	82	184621	21.47	ng/ul	99
25) 2-Nitrophenol	10.197	139	37524	22.78	ng/ul	96
26) 2,4-Dimethylphenol	10.239	107	87528	21.41	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.479	93	100543	21.65	ng/ul	98
29) 2,4-Dichlorophenol	10.726	162	66985	21.38	ng/ul	97
30) Naphthalene	11.143	128	230557	21.04	ng/ul	99
32) 4-Chloroaniline	11.243	127	95139	20.90	ng/ul	97
33) Hexachlorobutadiene	11.419	225	46959	20.62	ng/ul	97
34) Caprolactam	12.001	113	24118	19.92	ng/ul	93
35) 4-Chloro-3-methylphenol	12.336	107	80373	21.76	ng/ul#	97
36) 2-Methylnaphthalene	12.730	142	154418	20.72	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.947	142	154682	20.62	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.088	216	87594	21.49	ng/ul#	97
40) Hexachlorocyclopentadiene	13.065	237	53935	19.95	ng/ul	98
41) 2,4,6-Trichlorophenol	13.323	196	56367	21.94	ng/ul	96
42) 2,4,5-Trichlorophenol	13.388	196	62327	22.18	ng/ul	98
43) 1,1'-Biphenyl	13.723	154	206431	21.72	ng/ul	99
44) 2-Chloronaphthalene	13.770	162	159973	21.48	ng/ul	98
45) 2-Nitroaniline	13.964	65	58222	23.88	ng/ul	92
47) Dimethylphthalate	14.328	163	200487	20.62	ng/ul	99
48) 2,6-Dinitrotoluene	14.451	165	39729	21.72	ng/ul	96
50) Acenaphthylene	14.610	152	263718	21.42	ng/ul	98
51) 3-Nitroaniline	14.780	138	43800	22.01	ng/ul	91
52) Acenaphthene	14.951	153	173000	21.26	ng/ul	98
53) 2,4-Dinitrophenol	14.980	184	20945	18.37	ng/ul#	86
55) 4-Nitrophenol	15.062	109	37231	20.23	ng/ul	98
56) Dibenzofuran	15.280	168	247002	20.87	ng/ul	96
57) 2,4-Dinitrotoluene	15.233	165	58537	22.04	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.497	232	49491	20.48	ng/ul#	88
59) Diethylphthalate	15.685	149	209272	20.62	ng/ul	99
61) Fluorene	15.926	166	188340	20.00	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.914	204	104099	20.41	ng/ul	96
63) 4-Nitroaniline	15.938	138	44046	21.92	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.991	198	31231	20.77	ng/ul	95
67) N-Nitrosodiphenylamine	16.126	169	171972	22.30	ng/ul	97
68) 4-Bromophenyl-phenylether	16.813	248	61327	21.59	ng/ul	94
69) Hexachlorobenzene	16.925	284	64789	21.66	ng/ul	97
70) Atrazine	17.066	200	71636	21.81	ng/ul	98
71) Pentachlorophenol	17.266	266	39948	20.40	ng/ul	99
72) Phenanthrene	17.671	178	326419	21.44	ng/ul	98
74) Anthracene	17.765	178	324614	21.53	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.693	216	92529	23.01	ng/uL	98
76) Pentachlorobenzene	15.197	250	82503	22.46	ng/uL	98
77) Carbazole	18.029	167	297150	22.01	ng/ul	99
78) Di-n-butylphthalate	18.570	149	356464	22.29	ng/ul	99
80) Fluoranthene	19.669	202	402328	21.43	ng/ul	99
82) Pyrene	20.027	202	394106	21.29	ng/ul	98
83) Butylbenzylphthalate	20.902	149	155455	22.79	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.813	252	129382	22.33	ng/ul	95
85) Benzo(a)anthracene	21.907	228	361836	21.35	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.796	149	222391	22.68	ng/ul	98
87) Chrysene	21.978	228	346283	21.32	ng/ul	99
89) Di-n-octyl phthalate	23.076	149	380895	23.44	ng/ul	100
90) Benzo(b)fluoranthene	24.257	252	365065	21.19	ng/ul	99
91) Benzo(k)fluoranthene	24.328	252	343282	21.41	ng/ul	97
93) Benzo(a)pyrene	25.192	252	349204	21.24	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.275	276	331343	17.95	ng/ul	97
95) Dibenzo(a,h)anthracene	29.351	278	332373	21.16	ng/ul	96
96) Benzo(g,h,i)perylene	30.521	276	322454m	20.73	ng/ul	

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

