

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
 Data File : BG048206.D
 Acq On : 19 Feb 2021 16:33
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02039

Quant Time: Feb 19 17:14:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 19 11:17:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	31480	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	126688	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	98126	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	264131	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	289213	20.00	ng/ul	0.00
86) Perylene-d12	25.04	264	283889	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	6148	8.13	ng/uL	0.00
5) Phenol-d5	7.29	99	56133	21.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	32904	20.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	39270	21.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	44438	21.36	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	19690	20.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	25456	22.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	48311	21.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	54960	24.81	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	155789	21.43	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	190556	21.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	25562	20.70	ng/ul	0.00
58) Fluorene-d10	15.73	176	140409	21.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	34406	21.25	ng/ul	0.00
71) Anthracene-d10	17.58	188	245215	21.65	ng/ul	0.00
79) Pyrene-d10	19.86	212	300756	20.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.82	264	305878	21.12	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.55	88	6327	7.296	ng/uL# 78
4) Benzaldehyde	7.25	77	40613	26.045	ng/ul 96
6) Phenol	7.32	94	59354	21.674	ng/ul 92
8) Bis(2-Chloroethyl)ether	7.53	93	42634	20.615	ng/ul# 86
10) 2-Chlorophenol	7.68	128	43563	22.118	ng/ul 92
11) 2-Methylphenol	8.57	108	42351	21.375	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.64	45	56652	20.958	ng/ul 95
14) Acetophenone	8.94	105	75328	22.230	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.92	70	40684	21.621	ng/ul 95
16) 4-Methylphenol	8.90	108	46297	21.654	ng/ul 92
17) Hexachloroethane	9.20	117	18645	21.192	ng/ul 90
20) Nitrobenzene	9.33	77	61435	21.314	ng/ul 99
21) Isophorone	9.84	82	110461	21.691	ng/ul 98
23) 2-Nitrophenol	10.04	139	24355	20.866	ng/ul 94
24) 2,4-Dimethylphenol	10.11	107	57426	22.232	ng/ul 98
25) Bis(2-Chloroethoxy)methane	10.32	93	60534	21.087	ng/ul 96
27) 2,4-Dichlorophenol	10.58	162	46706	21.778	ng/ul 89
28) Naphthalene	10.98	128	133817	20.941	ng/ul 99
30) 4-Chloroaniline	11.09	127	56583	24.900	ng/ul 99
31) Hexachlorobutadiene	11.25	225	39106	20.907	ng/ul 88
32) Caprolactam	11.86	113	16001	21.381	ng/ul# 79
33) 4-Chloro-3-methylphenol	12.23	107	53744	22.635	ng/ul 90
34) 2-Methylnaphthalene	12.57	142	102533	21.110	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	99912	21.265	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	72218	20.459	ng/uL	96
38) Hexachlorocyclopentadiene	12.91	237	45023	19.784	ng/uL	93
39) 2,4,6-Trichlorophenol	13.19	196	48873	22.485	ng/uL	97
40) 2,4,5-Trichlorophenol	13.27	196	51791	23.446	ng/uL	95
41) 1,1'-Biphenyl	13.57	154	141596	21.035	ng/uL	96
42) 2-Chloronaphthalene	13.62	162	116212	20.953	ng/uL	97
43) 2-Nitroaniline	13.83	65	45126	23.527	ng/uL	93
45) Dimethylphthalate	14.19	163	164928	21.950	ng/uL	98
46) 2,6-Dinitrotoluene	14.31	165	34262	21.681	ng/uL#	94
48) Acenaphthylene	14.46	152	171391	21.568	ng/uL	99
49) 3-Nitroaniline	14.65	138	33070	24.828	ng/uL	82
50) Acenaphthene	14.80	153	125325	21.014	ng/uL	99
51) 2,4-Dinitrophenol	14.86	184	20632	20.907	ng/uL	94
53) 4-Nitrophenol	14.99	109	31463	22.565	ng/uL	95
54) Dibenzofuran	15.14	168	187883	21.585	ng/uL	99
55) 2,4-Dinitrotoluene	15.11	165	51384	22.638	ng/uL	96
56) 2,3,4,6-Tetrachlorophenol	15.37	232	50190	22.226	ng/uL#	98
57) Diethylphthalate	15.54	149	169467	21.849	ng/uL	99
59) Fluorene	15.78	166	151040	21.464	ng/uL	98
60) 4-Chlorophenyl-phenylether	15.77	204	90644	21.472	ng/uL	97
61) 4-Nitroaniline	15.82	138	38568	25.722	ng/uL	88
64) 4,6-Dinitro-2-methylphenol	15.87	198	35021	21.702	ng/uL#	96
65) N-Nitrosodiphenylamine	15.99	169	143049	21.101	ng/uL	99
66) 4-Bromophenyl-phenylether	16.66	248	66329	21.246	ng/uL	96
67) Hexachlorobenzene	16.79	284	67759	20.476	ng/uL	97
68) Atrazine	16.93	200	67004	22.103	ng/uL	97
69) Pentachlorophenol	17.15	266	33183	17.958	ng/uL	94
70) Phenanthrene	17.53	178	285978	21.549	ng/uL	98
72) Anthracene	17.62	178	291484	21.774	ng/uL	100
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	77424	19.618	ng/uL	97
74) Pentachlorobenzene	15.05	250	78266	20.225	ng/uL	98
75) Carbazole	17.89	167	261185	23.330	ng/uL	98
76) Di-n-butylphthalate	18.43	149	308672	22.603	ng/uL	99
77) Fluoranthene	19.53	202	385626	23.833	ng/uL	98
80) Pvrene	19.89	202	384922	21.422	ng/uL	98
81) Butylbenzylphthalate	20.76	149	134310	21.361	ng/uL	96
82) 3,3'-Dichlorobenzidine	21.65	252	136405	23.052	ng/uL	98
83) Benzo(a)anthracene	21.74	228	381435	21.110	ng/uL	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	188943	20.695	ng/uL	96
85) Chrysene	21.80	228	370505	21.456	ng/uL	98
87) Di-n-octyl phthalate	22.86	149	329942	22.633	ng/uL	100
88) Benzo(b)fluoranthene	24.00	252	385914	21.648	ng/uL	99
89) Benzo(k)fluoranthene	24.07	252	376264	21.551	ng/uL	95
91) Benzo(a)pyrene	24.89	252	340265	21.693	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	28.80	276	431539	21.506	ng/uL	95
93) Dibenzo(a,h)anthracene	28.86	278	365349	21.773	ng/uL	96
94) Benzo(a,h,i)perylene	29.97	276	348416	20.880	ng/uL	95

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

