

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011321\
 Data File : BG047906.D
 Acq On : 13 Jan 2021 11:56
 Operator : CG/JU
 Sample : SSTD01005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD010005

Quant Time: Jan 13 13:32:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG011321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 13:21:44 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	70519	20.00	ng/ul	0.00
20) Naphthalene-d8	10.97	136	273577	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.77	164	184660	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.52	188	449482	20.00	ng/ul	0.00
79) Chrysene-d12	21.80	240	500952	20.00	ng/ul	0.00
88) Perylene-d12	25.11	264	502330	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	7980	4.98	ng/uL	0.00
4) Pyridine-d5	3.98	84	53246	11.70	ng/ul	0.00
7) Phenol-d5	7.29	99	59538	10.06	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.47	67	39050	12.53	ng/ul	0.00
11) 2-Chlorophenol-d4	7.68	132	46008	10.28	ng/ul	0.00
15) 4-Methylphenol-d8	8.84	113	45796	10.18	ng/ul	0.00
21) Nitrobenzene-d5	9.31	128	15838	6.88	ng/ul	0.00
24) 2-Nitrophenol-d4	10.04	143	16564	6.32	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.58	165	45939	8.30	ng/ul	0.00
31) 4-Chloroaniline-d4	11.09	131	67179	10.43	ng/ul	0.00
46) Dimethylphthalate-d6	14.17	166	153916	10.10	ng/ul	0.00
49) Acenaphthylene-d8	14.47	160	185063	10.62	ng/ul	0.00
54) 4-Nitrophenol-d4	14.93	143	18923	8.15	ng/ul	0.00
60) Fluorene-d10	15.76	176	140025	9.84	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.86	200	14940	4.86	ng/ul	0.00
73) Anthracene-d10	17.62	188	223539	10.23	ng/ul	0.00
81) Pyrene-d10	19.89	212	275738	10.17	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.88	264	274675	9.74	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.60	88	7698	4.655	ng/uL# 79
5) Pyridine	4.00	79	55430	12.988	ng/ul 98
6) Benzaldehyde	7.29	77	34463	12.679	ng/ul 98
8) Phenol	7.32	94	62601	10.769	ng/ul 93
10) Bis(2-Chloroethyl)ether	7.57	93	47908	11.849	ng/ul 96
12) 2-Chlorophenol	7.71	128	46030	10.371	ng/ul 98
13) 2-Methylphenol	8.58	108	47081	10.646	ng/ul 95
14) 2,2'-oxybis(1-Chloropropan	8.68	45	72980	19.394	ng/ul 97
16) Acetophenone	8.97	105	76104	10.070	ng/ul 98
17) N-Nitroso-di-n-propylamine	8.96	70	43075	10.381	ng/ul# 97
18) 4-Methylphenol	8.91	108	48126	9.916	ng/ul 100
19) Hexachloroethane	9.25	117	19165	8.818	ng/ul 89
22) Nitrobenzene	9.35	77	47070	6.867	ng/ul 96
23) Isophorone	9.88	82	122271	10.270	ng/ul 96
25) 2-Nitrophenol	10.07	139	17468	6.380	ng/ul# 91
26) 2,4-Dimethylphenol	10.12	107	57752	8.985	ng/ul 93
27) Bis(2-Chloroethoxy)methane	10.37	93	65131	11.462	ng/ul# 92
29) 2,4-Dichlorophenol	10.61	162	44292	8.722	ng/ul 97
30) Naphthalene	11.02	128	147834	9.781	ng/ul 97
32) 4-Chloroaniline	11.12	127	61431	9.976	ng/ul 94
33) Hexachlorobutadiene	11.31	225	42593	7.811	ng/ul 96
34) Caprolactam	11.87	113	16213	9.426	ng/ul 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.22	107	50089	8.949	ng/ul	93
36) 2-Methylnaphthalene	12.62	142	109560	9.606	ng/ul	100
37) 1-Methylnaphthalene	12.83	142	107672	9.880	ng/ul	94
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	69421	9.128	ng/ul	96
40) Hexachlorocyclopentadiene	12.96	237	39528	7.928	ng/ul	95
41) 2,4,6-Trichlorophenol	13.20	196	39512	8.664	ng/ul	98
42) 2,4,5-Trichlorophenol	13.27	196	41962	8.688	ng/ul	96
43) 1,1'-Biphenyl	13.61	154	147728	10.357	ng/ul	95
44) 2-Chloronaphthalene	13.66	162	116251	10.355	ng/ul	99
45) 2-Nitroaniline	13.84	65	21557	5.590	ng/ul	99
47) Dimethylphthalate	14.22	163	160550	10.281	ng/ul	99
48) 2,6-Dinitrotoluene	14.34	165	20206	6.124	ng/ul	94
50) Acenaphthylene	14.50	152	178359	10.861	ng/ul	97
51) 3-Nitroaniline	14.66	138	18062	7.625	ng/ul	91
52) Acenaphthene	14.84	153	127518	10.926	ng/ul	99
53) 2,4-Dinitrophenol	14.87	184	11755	6.006	ng/ul	94
55) 4-Nitrophenol	14.95	109	18810	4.779	ng/ul	91
56) Dibenzofuran	15.17	168	175099	10.358	ng/ul	96
57) 2,4-Dinitrotoluene	15.12	165	27496	5.815	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.39	232	36032	8.056	ng/ul	95
59) Diethylphthalate	15.58	149	160220	10.365	ng/ul	97
61) Fluorene	15.82	166	148469	10.218	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.81	204	84690	9.319	ng/ul	96
63) 4-Nitroaniline	15.81	138	18153	8.151	ng/ul	94
66) 4,6-Dinitro-2-methylphenol	15.88	198	16076	5.148	ng/ul#	92
67) N-Nitrosodiphenylamine	16.02	169	134668	10.768	ng/ul	99
68) 4-Bromophenyl-phenylether	16.70	248	55004	9.531	ng/ul	95
69) Hexachlorobenzene	16.82	284	55829	8.812	ng/ul	94
70) Atrazine	16.96	200	56829	9.538	ng/ul	97
71) Pentachlorophenol	17.16	266	29394	9.871	ng/ul	87
72) Phenanthrene	17.56	178	252595	10.349	ng/ul	98
74) Anthracene	17.65	178	256624	10.525	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.58	216	69556	9.549	ng/uL	97
76) Pentachlorobenzene	15.09	250	69729	9.810	ng/uL	94
77) Carbazole	17.91	167	224603	11.300	ng/ul	98
78) Di-n-butylphthalate	18.47	149	280851	11.521	ng/ul	99
80) Fluoranthene	19.56	202	345071	10.050	ng/ul	99
82) Pyrene	19.92	202	347382	10.248	ng/ul	99
83) Butylbenzylphthalate	20.81	149	112407	9.506	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.69	252	121052	9.814	ng/ul	99
85) Benzo(a)anthracene	21.78	228	358886	10.149	ng/ul	96
86) Bis(2-ethylhexyl)phthalate	21.70	149	174483	10.705	ng/ul	96
87) Chrysene	21.85	228	346348	10.323	ng/ul	99
89) Di-n-octyl phthalate	22.95	149	288343	10.908	ng/ul	100
90) Benzo(b)fluoranthene	24.05	252	350582	9.985	ng/ul	96
91) Benzo(k)fluoranthene	24.13	252	339014	9.773	ng/ul	98
93) Benzo(a)pyrene	24.95	252	315103	10.177	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.88	276	379568	9.906	ng/ul	99
95) Dibenzo(a,h)anthracene	28.96	278	318569	10.011	ng/ul#	92
96) Benzo(g,h,i)perylene	30.05	276	312024	9.888	ng/ul	99

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

