

Data Path : Z:\HPCHEM1\BNA_G\Data\BG041017\
 Data File : BG026607.D
 Acq On : 10 Apr 2017 11:02
 Operator : SJ/MA
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02028

Quant Time: Apr 11 03:22:15 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 10 02:07:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	156580	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	680007	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.64	164	401829	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.37	188	948458	20.00	ng/ul	0.00
77) Chrysene-d12	21.62	240	1152107	20.00	ng/ul	0.00
85) Perylene-d12	24.79	264	1185644	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	27821	8.50	ng/uL	0.00
5) Phenol-d5	7.20	99	236397	20.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	134894	20.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	208061	20.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	192522	20.73	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	96978	19.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.91	143	114921	20.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	205295	19.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.96	131	247677	23.80	ng/ul	0.00
43) Dimethylphthalate-d6	14.04	166	634815	20.40	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	776046	20.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	108614	17.94	ng/ul	0.00
57) Fluorene-d10	15.63	176	561106	19.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	117725	19.30	ng/ul	0.00
70) Anthracene-d10	17.47	188	875237	20.32	ng/ul	0.00
78) Pyrene-d10	19.75	212	1006944	19.59	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.57	264	1007284	19.77	ng/ul	-0.02

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.50	88	28435	8.13 ng/uL#	88
4) Benzaldehyde	7.17	77	130352	20.24 ng/ul	93
6) Phenol	7.22	94	249338	20.71 ng/ul	92
8) Bis(2-Chloroethyl)ether	7.45	93	192346	20.93 ng/ul	97
10) 2-Chlorophenol	7.60	128	208751	20.87 ng/ul	97
11) 2-Methylphenol	8.47	108	191197	20.31 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.57	45	185315	21.39 ng/ul	98
14) Acetophenone	8.85	105	295530	21.18 ng/ul	95
15) N-Nitroso-di-n-propylamine	8.83	70	132625	20.47 ng/ul	95
16) 4-Methylphenol	8.80	108	207096	20.32 ng/ul	97
17) Hexachloroethane	9.12	117	72714	19.63 ng/ul#	81
20) Nitrobenzene	9.23	77	192544	19.94 ng/ul	90
21) Isophorone	9.75	82	369034	20.07 ng/ul	95
23) 2-Nitrophenol	9.95	139	120261	20.07 ng/ul#	88
24) 2,4-Dimethylphenol	10.00	107	215768	20.05 ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.23	93	252108	19.84 ng/ul	99
27) 2,4-Dichlorophenol	10.48	162	205523	19.91 ng/ul	96
28) Naphthalene	10.88	128	658302	20.17 ng/ul	99
30) 4-Chloroaniline	10.99	127	232440	23.42 ng/ul	98
31) Hexachlorobutadiene	11.17	225	129684	19.74 ng/ul	97
32) Caprolactam	11.73	113	69160	18.98 ng/ul	92
33) 4-Chloro-3-methylphenol	12.10	107	196350	19.64 ng/ul	88
34) 2-Methylnaphthalene	12.48	142	508987	20.17 ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.85	216	251148	19.85	ng/ul	97
37) Hexachlorocyclopentadiene	12.83	237	115636	18.30	ng/ul	98
38) 2,4,6-Trichlorophenol	13.08	196	166443	19.83	ng/ul	99
39) 2,4,5-Trichlorophenol	13.16	196	168699	19.52	ng/ul	99
40) 1,1'-Biphenyl	13.48	154	644535	19.99	ng/ul	98
41) 2-Chloronaphthalene	13.53	162	484144	19.90	ng/ul	94
42) 2-Nitroaniline	13.72	65	112411	19.87	ng/ul	98
44) Dimethylphthalate	14.09	163	610564	20.25	ng/ul	98
45) 2,6-Dinitrotoluene	14.21	165	129292	19.87	ng/ul	90
47) Acenaphthylene	14.37	152	789136	20.44	ng/ul	99
48) 3-Nitroaniline	14.54	138	134921	22.50	ng/ul	91
49) Acenaphthene	14.71	153	536287	20.02	ng/ul	99
50) 2,4-Dinitrophenol	14.75	184	59229	16.16	ng/ul#	84
52) 4-Nitrophenol	14.85	109	59434	18.50	ng/ul#	60
53) Dibenzofuran	15.04	168	780489	20.49	ng/ul	89
54) 2,4-Dinitrotoluene	15.00	165	192775	20.49	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.26	232	162100	19.51	ng/ul#	89
56) Diethylphthalate	15.44	149	617844	20.61	ng/ul	98
58) Fluorene	15.68	166	627192	19.80	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.67	204	309077	19.87	ng/ul#	86
60) 4-Nitroaniline	15.70	138	144870	19.38	ng/ul#	78
63) 4,6-Dinitro-2-methylphenol	15.76	198	128386	20.06	ng/ul#	85
64) N-Nitrosodiphenylamine	15.88	169	547091	20.16	ng/ul	98
65) 4-Bromophenyl-phenylether	16.56	248	208226	19.96	ng/ul#	83
66) Hexachlorobenzene	16.69	284	222479	19.90	ng/ul#	87
67) Atrazine	16.82	200	209718	19.96	ng/ul	97
68) Pentachlorophenol	17.03	266	120547	18.11	ng/ul	99
69) Phenanthrene	17.42	178	1009472	20.31	ng/ul	98
71) Anthracene	17.50	178	1044883	20.55	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.45	216	246113	19.70	ng/uL	99
73) Pentachlorobenzene	14.97	250	287201	20.20	ng/uL	97
74) Carbazole	17.77	167	953368	21.81	ng/ul	98
75) Di-n-butylphthalate	18.32	149	1071355	20.79	ng/ul	98
76) Fluoranthene	19.42	202	1227563	23.11	ng/ul	100
79) Pyrene	19.78	202	1285812	20.04	ng/ul	99
80) Butylbenzylphthalate	20.65	149	500292	19.72	ng/ul	92
81) 3,3'-Dichlorobenzidine	21.51	252	446823	22.35	ng/ul	98
82) Benzo(a)anthracene	21.60	228	1279565	20.53	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.50	149	715567	19.73	ng/ul#	94
84) Chrysene	21.66	228	1161928	20.17	ng/ul	96
86) Di-n-octyl phthalate	22.69	149	1243950	20.40	ng/ul#	96
87) Benzo(b)fluoranthene	23.78	252	1298538	19.31	ng/ul	99
88) Benzo(k)fluoranthene	23.85	252	1304116	20.30	ng/ul	97
90) Benzo(a)pyrene	24.64	252	1305382	20.07	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.40	276	1559236	19.88	ng/ul#	91
92) Dibenzo(a,h)anthracene	28.46	278	1331960	20.34	ng/ul	98
93) Benzo(g,h,i)perylene	29.53	276	1301731	19.95	ng/ul	99

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

