

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050817\
 Data File : BG026904.D
 Acq On : 9 May 2017 1:47
 Operator : SJ/MA
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02079

Manual Integrations
 APPROVED

mohammad
 5/9/2017 12:28:07 PM

Quant Time: May 09 02:29:03 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 09 01:04:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	237168	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	1135387	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	616519	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	1127821	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	1036835	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	1184376	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	39551	7.51	ng/uL	0.00
5) Phenol-d5	7.18	99	457136	21.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	258731	20.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	372530	20.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	370823	21.11	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	192563	20.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	209027	20.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	340754	20.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	479402	21.84	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	963897	19.42	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	1265802	20.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.83	143	150756	16.86	ng/ul	0.00
57) Fluorene-d10	15.60	176	835267	19.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	124739	18.21	ng/ul	0.00
70) Anthracene-d10	17.45	188	1104988	20.19	ng/ul	0.00
76) Pyrene-d10	19.73	212	1050325	19.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.55	264	1117904	19.96	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	42400	7.06	ng/uL#	85
4) Benzaldehyde	7.14	77	193958	18.96	ng/ul#	62
6) Phenol	7.21	94	466681	21.75	ng/ul#	76
8) Bis(2-Chloroethyl)ether	7.42	93	334790	20.21	ng/ul	91
10) 2-Chlorophenol	7.58	128	366111	20.71	ng/ul#	81
11) 2-Methylphenol	8.45	108	362386	21.34	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.54	45	374334	21.66	ng/ul#	87
14) Acetophenone	8.82	105	531843	20.61	ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.81	70	245511	19.29	ng/ul#	72
16) 4-Methylphenol	8.78	108	399530	21.51	ng/ul	98
17) Hexachloroethane	9.09	117	133474	20.07	ng/ul#	73
20) Nitrobenzene	9.21	77	375300	20.49	ng/ul#	76
21) Isophorone	9.72	82	683149	19.43	ng/ul#	89
23) 2-Nitrophenol	9.92	139	221815	20.44	ng/ul#	60
24) 2,4-Dimethylphenol	9.98	107	408587	20.65	ng/ul#	80
25) Bis(2-Chloroethoxy)methane	10.20	93	470949	19.61	ng/ul#	93
27) 2,4-Dichlorophenol	10.46	162	337044	20.61	ng/ul	95
28) Naphthalene	10.86	128	1168385	19.77	ng/ul	98
30) 4-Chloroaniline	10.96	127	460374	22.23	ng/ul	93
31) Hexachlorobutadiene	11.14	225	160968	19.46	ng/ul	89
32) Caprolactam	11.71	113	119677	19.58	ng/ul#	62
33) 4-Chloro-3-methylphenol	12.09	107	390292	22.01	ng/ul	86
34) 2-Methylnaphthalene	12.45	142	868455	19.80	ng/ul	96

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36) 1,2,4,5-Tetrachlorobenzene	12.82	216	324518	19.96	ng/ul#	96
37) Hexachlorocyclopentadiene	12.80	237	112359	15.69	ng/ul	98
38) 2,4,6-Trichlorophenol	13.07	196	233797	20.91	ng/ul	94
39) 2,4,5-Trichlorophenol	13.15	196	236304	20.44	ng/ul	97
40) 1,1'-Biphenyl	13.45	154	1032959	19.93	ng/ul	96
41) 2-Chloronaphthalene	13.50	162	786964	20.20	ng/ul	95
42) 2-Nitroaniline	13.70	65	241959	21.74	ng/ul#	70
44) Dimethylphthalate	14.06	163	930479	19.15	ng/ul	99
45) 2,6-Dinitrotoluene	14.19	165	205122	20.01	ng/ul#	85
47) Acenaphthylene	14.34	152	1265125	19.93	ng/ul	98
48) 3-Nitroaniline	14.52	138	216279	20.05	ng/ul#	78
49) Acenaphthene	14.68	153	871384	19.73	ng/ul	97
50) 2,4-Dinitrophenol	14.73	184	89847	17.14	ng/ul#	77
52) 4-Nitrophenol	14.85	109	86326	16.46	ng/ul#	38
53) Dibenzofuran	15.02	168	1136155	19.33	ng/ul	95
54) 2,4-Dinitrotoluene	14.98	165	288200	19.64	ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	15.25	232	168617	18.57	ng/ul#	75
56) Diethylphthalate	15.42	149	975804	19.19	ng/ul	99
58) Fluorene	15.66	166	915786	19.09	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.65	204	396706	18.96	ng/ul#	92
60) 4-Nitroaniline	15.68	138	208660m	17.55	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.74	198	128153	17.97	ng/ul#	91
64) N-Nitrosodiphenylamine	15.86	169	767644	20.71	ng/ul	97
65) 4-Bromophenyl-phenylether	16.54	248	229550	20.40	ng/ul#	81
66) Hexachlorobenzene	16.67	284	243503	20.09	ng/ul#	88
67) Atrazine	16.80	200	241822	20.87	ng/ul	93
68) Pentachlorophenol	17.01	266	103134	18.63	ng/ul	91
69) Phenanthrene	17.40	178	1258683	19.81	ng/ul	98
71) Anthracene	17.48	178	1313364	20.15	ng/ul	99
72) Carbazole	17.75	167	1203301	21.83	ng/ul	98
73) Di-n-butylphthalate	18.30	149	1512734	21.10	ng/ul#	97
74) Fluoranthene	19.40	202	1311942	22.24	ng/ul#	78
77) Pyrene	19.76	202	1329457	19.11	ng/ul#	76
78) Butylbenzylphthalate	20.63	149	698290	21.61	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.49	252	438300	21.99	ng/ul#	94
80) Benzo(a)anthracene	21.58	228	1214240	20.02	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.47	149	992081	21.52	ng/ul#	98
82) Chrysene	21.64	228	1107346	19.66	ng/ul	98
84) Di-n-octyl phthalate	22.65	149	1746499	21.46	ng/ul	100
85) Benzo(b)fluoranthene	23.75	252	1297696	19.17	ng/ul#	93
86) Benzo(k)fluoranthene	23.82	252	1331807	20.03	ng/ul#	93
88) Benzo(a)pyrene	24.61	252	1315774	19.75	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	28.37	276	1481149	18.76	ng/ul#	81
90) Dibenzo(a,h)anthracene	28.41	278	1261937	18.85	ng/ul#	87
91) Benzo(g,h,i)perylene	29.49	276	1079164	16.48	ng/ul#	81

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

