

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050917\
 Data File : BG026921.D
 Acq On : 9 May 2017 20:59
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02081

Manual Integrations
 APPROVED

mohammad
 5/10/2017 11:50:27 AM

Quant Time: May 10 01:46:56 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 10 01:09:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	186143	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	916312	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	489248	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	912176	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	827595	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	901241	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	27583	6.67	ng/uL	0.00
5) Phenol-d5	7.18	99	365301	21.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	208461	21.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	300339	21.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	298183	21.63	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	152497	19.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	165683	19.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	273325	20.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	383061	21.62	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	761419	19.34	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	1015670	20.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	112777m	15.89	ng/ul	0.00
57) Fluorene-d10	15.60	176	655631	19.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	94476	17.06	ng/ul	0.00
70) Anthracene-d10	17.45	188	884879	19.99	ng/ul	0.00
76) Pyrene-d10	19.73	212	843009	19.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.54	264	859663	20.18	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	31868	6.76	ng/uL#	86
4) Benzaldehyde	7.14	77	154271	19.22	ng/ul#	67
6) Phenol	7.21	94	367787	21.84	ng/ul#	76
8) Bis(2-Chloroethyl)ether	7.42	93	262422	20.19	ng/ul	92
10) 2-Chlorophenol	7.57	128	286480	20.64	ng/ul#	83
11) 2-Methylphenol	8.45	108	288010	21.61	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.54	45	311450	22.96	ng/ul#	90
14) Acetophenone	8.82	105	425702	21.02	ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.80	70	200356	20.05	ng/ul#	75
16) 4-Methylphenol	8.78	108	312495	21.44	ng/ul	99
17) Hexachloroethane	9.08	117	106937	20.49	ng/ul#	69
20) Nitrobenzene	9.21	77	302567	20.47	ng/ul#	78
21) Isophorone	9.72	82	551194	19.43	ng/ul#	90
23) 2-Nitrophenol	9.92	139	174590	19.94	ng/ul#	63
24) 2,4-Dimethylphenol	9.98	107	327930m	20.54	ng/ul	
25) Bis(2-Chloroethoxy)methane	10.21	93	378888	19.55	ng/ul#	93
27) 2,4-Dichlorophenol	10.46	162	272585	20.65	ng/ul	95
28) Naphthalene	10.85	128	951062	19.94	ng/ul	99
30) 4-Chloroaniline	10.96	127	369348	22.10	ng/ul	95
31) Hexachlorobutadiene	11.14	225	124452	18.64	ng/ul	90
32) Caprolactam	11.71	113	96012	19.46	ng/ul#	74
33) 4-Chloro-3-methylphenol	12.09	107	307863	21.51	ng/ul#	83
34) 2-Methylnaphthalene	12.45	142	702841	19.86	ng/ul	96

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36) 1,2,4,5-Tetrachlorobenzene	12.82	216	262921	20.38	ng/ul	95
37) Hexachlorocyclopentadiene	12.80	237	84603	14.89	ng/ul	94
38) 2,4,6-Trichlorophenol	13.07	196	180712	20.36	ng/ul	90
39) 2,4,5-Trichlorophenol	13.14	196	187252	20.41	ng/ul	96
40) 1,1'-Biphenyl	13.45	154	829312	20.16	ng/ul	97
41) 2-Chloronaphthalene	13.50	162	628149	20.32	ng/ul	94
42) 2-Nitroaniline	13.70	65	193832	21.94	ng/ul#	77
44) Dimethylphthalate	14.07	163	740596	19.21	ng/ul	99
45) 2,6-Dinitrotoluene	14.19	165	160043	19.67	ng/ul	88
47) Acenaphthylene	14.34	152	1030890	20.46	ng/ul	98
48) 3-Nitroaniline	14.52	138	173060	20.22	ng/ul	84
49) Acenaphthene	14.68	153	703056	20.06	ng/ul	95
50) 2,4-Dinitrophenol	14.74	184	77045	18.52	ng/ul#	79
52) 4-Nitrophenol	14.85	109	69024	16.58	ng/ul#	19
53) Dibenzofuran	15.01	168	924602	19.82	ng/ul	96
54) 2,4-Dinitrotoluene	14.98	165	225086	19.33	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	15.25	232	134911	18.72	ng/ul#	75
56) Diethylphthalate	15.42	149	781230	19.36	ng/ul	99
58) Fluorene	15.66	166	742298	19.50	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.65	204	320960	19.33	ng/ul	95
60) 4-Nitroaniline	15.68	138	163983	17.38	ng/ul#	48
63) 4,6-Dinitro-2-methylphenol	15.75	198	100845	17.48	ng/ul#	95
64) N-Nitrosodiphenylamine	15.86	169	614506	20.50	ng/ul	96
65) 4-Bromophenyl-phenylether	16.54	248	186098	20.45	ng/ul#	81
66) Hexachlorobenzene	16.67	284	193445	19.73	ng/ul#	90
67) Atrazine	16.80	200	188481	20.12	ng/ul#	90
68) Pentachlorophenol	17.01	266	79052	17.66	ng/ul	93
69) Phenanthrene	17.40	178	1021855	19.89	ng/ul	99
71) Anthracene	17.48	178	1056997	20.05	ng/ul	99
72) Carbazole	17.76	167	962031	21.58	ng/ul	98
73) Di-n-butylphthalate	18.30	149	1223867	21.10	ng/ul#	97
74) Fluoranthene	19.40	202	1055097	22.12	ng/ul#	80
77) Pyrene	19.76	202	1081189	19.47	ng/ul#	75
78) Butylbenzylphthalate	20.63	149	562164	21.80	ng/ul#	82
79) 3,3'-Dichlorobenzidine	21.49	252	335850	21.11	ng/ul#	92
80) Benzo(a)anthracene	21.58	228	971008	20.06	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.47	149	796157	21.63	ng/ul#	99
82) Chrysene	21.64	228	897804	19.97	ng/ul	97
84) Di-n-octyl phthalate	22.66	149	1402400	22.64	ng/ul	100
85) Benzo(b)fluoranthene	23.75	252	995475	19.33	ng/ul#	93
86) Benzo(k)fluoranthene	23.82	252	1044486	20.64	ng/ul#	91
88) Benzo(a)pyrene	24.61	252	1005378	19.84	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	28.37	276	1141760	19.00	ng/ul#	78
90) Dibenzo(a,h)anthracene	28.41	278	884629	17.37	ng/ul#	84
91) Benzo(g,h,i)perylene	29.48	276	814746	16.35	ng/ul#	77

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

