

Data Path : Z:\HPCHEM1\BNA_G\Data\BG050417\
 Data File : BG026864.D
 Acq On : 4 May 2017 9:29
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02074

Manual Integrations
 APPROVED

mohammad
 5/5/2017 11:42:48 AM

Quant Time: May 04 17:38:47 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 04 00:50:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	163195	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	775630	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	407070	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	769513	20.00	ng/ul	0.00
75) Chrysene-d12	21.59	240	699527	20.00	ng/ul	0.00
83) Perylene-d12	24.75	264	716772	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	27235	7.52	ng/uL	0.00
5) Phenol-d5	7.18	99	311163	21.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	180143	21.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	251620	20.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	246920	20.43	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	123400	19.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	136863	19.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	222410m	19.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	316765	21.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	627419	19.15	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	849384	20.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	96200	16.29	ng/ul	0.00
57) Fluorene-d10	15.60	176	549708	19.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	83957	17.97	ng/ul	0.00
70) Anthracene-d10	17.45	188	741018	19.84	ng/ul	0.00
76) Pyrene-d10	19.73	212	722137	19.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.54	264	688567	20.32	ng/ul	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	28623	6.92	ng/uL#	82
4) Benzaldehyde	7.14	77	127891m	18.17	ng/ul	
6) Phenol	7.21	94	321794	21.80	ng/ul#	76
8) Bis(2-Chloroethyl)ether	7.42	93	231386	20.30	ng/ul	90
10) 2-Chlorophenol	7.58	128	247545	20.35	ng/ul#	83
11) 2-Methylphenol	8.46	108	238867	20.44	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.53	45	260090	21.87	ng/ul#	90
14) Acetophenone	8.82	105	356201	20.06	ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.80	70	168355	19.22	ng/ul#	70
16) 4-Methylphenol	8.78	108	262654	20.55	ng/ul	97
17) Hexachloroethane	9.09	117	89423	19.54	ng/ul#	68
20) Nitrobenzene	9.20	77	248566	19.87	ng/ul#	76
21) Isophorone	9.72	82	459152	19.12	ng/ul#	90
23) 2-Nitrophenol	9.91	139	146697	19.79	ng/ul#	60
24) 2,4-Dimethylphenol	9.98	107	266457m	19.71	ng/ul	
25) Bis(2-Chloroethoxy)methane	10.20	93	320179	19.52	ng/ul#	93
27) 2,4-Dichlorophenol	10.46	162	221758	19.85	ng/ul	95
28) Naphthalene	10.85	128	796081	19.72	ng/ul	99
30) 4-Chloroaniline	10.96	127	305306	21.58	ng/ul	95
31) Hexachlorobutadiene	11.14	225	108313	19.16	ng/ul	91
32) Caprolactam	11.71	113	79853	19.12	ng/ul#	62
33) 4-Chloro-3-methylphenol	12.09	107	253782	20.95	ng/ul#	84
34) 2-Methylnaphthalene	12.45	142	571622	19.08	ng/ul	95

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36) 1,2,4,5-Tetrachlorobenzene	12.82	216	217845	20.30	ng/ul	95
37) Hexachlorocyclopentadiene	12.81	237	97548	20.63	ng/ul	97
38) 2,4,6-Trichlorophenol	13.06	196	150863	20.43	ng/ul	93
39) 2,4,5-Trichlorophenol	13.15	196	159483	20.90	ng/ul	96
40) 1,1'-Biphenyl	13.45	154	685944	20.04	ng/ul	96
41) 2-Chloronaphthalene	13.50	162	523697	20.36	ng/ul	97
42) 2-Nitroaniline	13.70	65	157806	21.47	ng/ul#	78
44) Dimethylphthalate	14.06	163	619445	19.31	ng/ul	99
45) 2,6-Dinitrotoluene	14.19	165	129929	19.19	ng/ul#	82
47) Acenaphthylene	14.34	152	847449	20.21	ng/ul	99
48) 3-Nitroaniline	14.52	138	140193	19.68	ng/ul	86
49) Acenaphthene	14.68	153	573382	19.66	ng/ul	97
50) 2,4-Dinitrophenol	14.74	184	61846	17.87	ng/ul#	73
52) 4-Nitrophenol	14.85	109	56991	16.45	ng/ul#	36
53) Dibenzofuran	15.01	168	758647	19.54	ng/ul	95
54) 2,4-Dinitrotoluene	14.98	165	181491	18.73	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.24	232	110327	18.40	ng/ul#	68
56) Diethylphthalate	15.42	149	653012	19.45	ng/ul	97
58) Fluorene	15.66	166	613385	19.36	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.65	204	264728	19.17	ng/ul#	92
60) 4-Nitroaniline	15.68	138	130784	16.66	ng/ul#	47
63) 4,6-Dinitro-2-methylphenol	15.74	198	88690	18.22	ng/ul#	91
64) N-Nitrosodiphenylamine	15.86	169	514364	20.34	ng/ul	97
65) 4-Bromophenyl-phenylether	16.54	248	153678	20.01	ng/ul#	81
66) Hexachlorobenzene	16.67	284	161014	19.47	ng/ul#	91
67) Atrazine	16.80	200	158071	20.00	ng/ul#	93
68) Pentachlorophenol	17.01	266	62373	16.52	ng/ul	94
69) Phenanthrene	17.39	178	850778	19.63	ng/ul	100
71) Anthracene	17.49	178	888268	19.97	ng/ul	100
72) Carbazole	17.75	167	813271	21.63	ng/ul	98
73) Di-n-butylphthalate	18.30	149	1036015	21.18	ng/ul#	96
74) Fluoranthene	19.40	202	885352	22.00	ng/ul#	78
77) Pyrene	19.76	202	913301	19.46	ng/ul#	76
78) Butylbenzylphthalate	20.63	149	476008	21.84	ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.49	252	296840	22.07	ng/ul#	93
80) Benzo(a)anthracene	21.58	228	828203	20.24	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.48	149	690619	22.20	ng/ul#	97
82) Chrysene	21.64	228	775271	20.40	ng/ul	99
84) Di-n-octyl phthalate	22.65	149	1181121	23.98	ng/ul	100
85) Benzo(b)fluoranthene	23.75	252	851420	20.79	ng/ul#	93
86) Benzo(k)fluoranthene	23.82	252	823290	20.46	ng/ul#	94
88) Benzo(a)pyrene	24.60	252	826023	20.49	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	28.35	276	925525	19.37	ng/ul#	83
90) Dibenzo(a,h)anthracene	28.42	278	769145	18.98	ng/ul#	88
91) Benzo(g,h,i)perylene	29.49	276	675023	17.03	ng/ul#	82

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

