

Data Path : Z:\HPCHEM1\BNA_G\Data\BG050617\
 Data File : BG026874.D
 Acq On : 6 May 2017 9:32
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02076

Manual Integrations
 APPROVED

mohammad
 5/8/2017 5:58:25 PM

Quant Time: May 08 01:26:07 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 04 17:40:44 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	165966	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	804298	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	434221	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	807241	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	743286	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	772399	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	27881	7.57	ng/uL	0.00
5) Phenol-d5	7.18	99	322999	21.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	185389	21.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	262267	20.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	257924	20.98	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	133139	19.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	143602	19.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	239578	20.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	340124m	21.87	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	679999	19.46	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	889051	20.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	104176	16.54	ng/ul	0.00
57) Fluorene-d10	15.61	176	586835	19.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	86436	17.63	ng/ul	0.00
70) Anthracene-d10	17.45	188	791297	20.20	ng/ul	0.00
76) Pyrene-d10	19.73	212	757171	19.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.55	264	730014	19.99	ng/ul	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	31198	7.42	ng/uL#	84
4) Benzaldehyde	7.14	77	129579	18.10	ng/ul#	64
6) Phenol	7.21	94	332847	22.17	ng/ul#	73
8) Bis(2-Chloroethyl)ether	7.42	93	236459	20.40	ng/ul	89
10) 2-Chlorophenol	7.58	128	259926	21.01	ng/ul#	82
11) 2-Methylphenol	8.46	108	246950	20.78	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.54	45	266648	22.04	ng/ul#	85
14) Acetophenone	8.83	105	370969	20.54	ng/ul#	72
15) N-Nitroso-di-n-propylamine	8.80	70	171551	19.26	ng/ul#	69
16) 4-Methylphenol	8.79	108	275763	21.22	ng/ul	98
17) Hexachloroethane	9.09	117	91995	19.77	ng/ul#	73
20) Nitrobenzene	9.21	77	263314	20.30	ng/ul#	77
21) Isophorone	9.73	82	477338	19.17	ng/ul#	91
23) 2-Nitrophenol	9.92	139	152488	19.84	ng/ul#	61
24) 2,4-Dimethylphenol	9.98	107	288612	20.59	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.20	93	332299	19.54	ng/ul#	93
27) 2,4-Dichlorophenol	10.46	162	235324	20.31	ng/ul	95
28) Naphthalene	10.86	128	837024	19.99	ng/ul	98
30) 4-Chloroaniline	10.97	127	323429	22.05	ng/ul	92
31) Hexachlorobutadiene	11.14	225	113928	19.44	ng/ul	91
32) Caprolactam	11.71	113	83849	19.37	ng/ul#	64
33) 4-Chloro-3-methylphenol	12.10	107	267500	21.29	ng/ul#	82
34) 2-Methylnaphthalene	12.45	142	602657	19.40	ng/ul	94

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36) 1,2,4,5-Tetrachlorobenzene	12.82	216	231760	20.24	ng/ul#	95
37) Hexachlorocyclopentadiene	12.80	237	78199	15.50	ng/ul	97
38) 2,4,6-Trichlorophenol	13.06	196	160386	20.36	ng/ul	98
39) 2,4,5-Trichlorophenol	13.15	196	169156	20.78	ng/ul	92
40) 1,1'-Biphenyl	13.45	154	725212	19.87	ng/ul	97
41) 2-Chloronaphthalene	13.50	162	556555	20.28	ng/ul	95
42) 2-Nitroaniline	13.71	65	169132	21.57	ng/ul#	71
44) Dimethylphthalate	14.07	163	655258	19.15	ng/ul	99
45) 2,6-Dinitrotoluene	14.19	165	140203	19.42	ng/ul#	83
47) Acenaphthylene	14.34	152	896466	20.05	ng/ul	100
48) 3-Nitroaniline	14.53	138	150700	19.84	ng/ul#	76
49) Acenaphthene	14.68	153	606110	19.48	ng/ul	96
50) 2,4-Dinitrophenol	14.74	184	59885m	16.22	ng/ul	
52) 4-Nitrophenol	14.85	109	58946	15.95	ng/ul#	27
53) Dibenzofuran	15.02	168	804354	19.43	ng/ul	93
54) 2,4-Dinitrotoluene	14.98	165	199655	19.32	ng/ul#	75
55) 2,3,4,6-Tetrachlorophenol	15.25	232	120745	18.88	ng/ul#	72
56) Diethylphthalate	15.42	149	693331	19.36	ng/ul	98
58) Fluorene	15.66	166	645446	19.10	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.65	204	283047	19.21	ng/ul	94
60) 4-Nitroaniline	15.69	138	139921	16.71	ng/ul#	47
63) 4,6-Dinitro-2-methylphenol	15.75	198	90771	17.78	ng/ul#	88
64) N-Nitrosodiphenylamine	15.86	169	546535	20.60	ng/ul	95
65) 4-Bromophenyl-phenylether	16.54	248	163942	20.35	ng/ul#	87
66) Hexachlorobenzene	16.67	284	173467	20.00	ng/ul#	92
67) Atrazine	16.81	200	170428	20.55	ng/ul#	92
68) Pentachlorophenol	17.02	266	69561	17.56	ng/ul	93
69) Phenanthrene	17.39	178	912505	20.07	ng/ul	98
71) Anthracene	17.49	178	936805	20.08	ng/ul	99
72) Carbazole	17.76	167	855428	21.68	ng/ul	98
73) Di-n-butylphthalate	18.31	149	1091726	21.27	ng/ul#	96
74) Fluoranthene	19.40	202	945038	22.38	ng/ul#	81
77) Pyrene	19.76	202	965340	19.36	ng/ul#	75
78) Butylbenzylphthalate	20.64	149	505427	21.82	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.50	252	315044	22.05	ng/ul#	92
80) Benzo(a)anthracene	21.58	228	876090	20.15	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.48	149	719366	21.76	ng/ul#	98
82) Chrysene	21.65	228	805183	19.94	ng/ul	97
84) Di-n-octyl phthalate	22.66	149	1246166	23.48	ng/ul	100
85) Benzo(b)fluoranthene	23.76	252	883956	20.03	ng/ul#	92
86) Benzo(k)fluoranthene	23.83	252	880380	20.30	ng/ul#	93
88) Benzo(a)pyrene	24.62	252	875829	20.16	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	28.38	276	955567	18.56	ng/ul#	79
90) Dibenzo(a,h)anthracene	28.42	278	812554	18.61	ng/ul#	86
91) Benzo(g,h,i)perylene	29.50	276	701129	16.42	ng/ul#	81

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

