

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052915\
 Data File : BG017358.D
 Acq On : 29 May 2015 14:05
 Operator : TP/IZ
 Sample : SSTD04004
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD04004

Manual Integrations
 APPROVED

apatel
 6/1/2015 8:40:03 PM

Quant Time: May 29 15:12:46 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 29 14:36:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	24326	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	109664	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	73018	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	162201	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	173562	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	165872	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	8528	14.74	ng/uL	0.00
5) Phenol-d5	6.84	99	82164	37.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	48761	40.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	68162	40.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	71555	42.02	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	35045	40.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	40623	45.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	72990	46.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	93181	44.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	212549	43.36	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	272278	40.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	40164	35.64	ng/ul	0.00
57) Fluorene-d10	15.30	176	200252	41.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	48701	51.46	ng/ul	0.00
70) Anthracene-d10	17.16	188	308625	41.45	ng/ul	0.00
76) Pyrene-d10	19.46	212	347900	43.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	309841	42.66	ng/ul	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.10	88	8614	11.97	ng/uL#	1
4) Benzaldehyde	6.79	77	56716	50.52	ng/ul	92
6) Phenol	6.87	94	86732	36.83	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.07	93	66999	36.85	ng/ul	92
10) 2-Chlorophenol	7.22	128	68473	38.68	ng/ul	94
11) 2-Methylphenol	8.11	108	69596	39.19	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.18	45	113461	50.76	ng/ul	98
14) Acetophenone	8.47	105	109720	42.22	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.46	70	65928	45.28	ng/ul	98
16) 4-Methylphenol	8.45	108	77667	40.07	ng/ul	86
17) Hexachloroethane	8.72	117	30821	42.92	ng/ul#	94
20) Nitrobenzene	8.85	77	93274	45.70	ng/ul	92
21) Isophorone	9.37	82	172069	42.95	ng/ul#	98
23) 2-Nitrophenol	9.56	139	42908	43.09	ng/ul	96
24) 2,4-Dimethylphenol	9.64	107	90600	45.14	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.86	93	90049	37.53	ng/ul	96
27) 2,4-Dichlorophenol	10.11	162	71203	43.71	ng/ul	96
28) Naphthalene	10.49	128	223751	38.11	ng/ul	99
30) 4-Chloroaniline	10.61	127	91619	42.70	ng/ul	98
31) Hexachlorobutadiene	10.77	225	46929	50.38	ng/ul	99
32) Caprolactam	11.37	113	30407m	39.26	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	85831	47.33	ng/ul	93
34) 2-Methylnaphthalene	12.11	142	170554	40.43	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	86151	43.19	ng/ul	93
37) Hexachlorocyclopentadiene	12.46	237	42226	39.73	ng/ul#	94
38) 2,4,6-Trichlorophenol	12.74	196	59743	47.13	ng/ul	92
39) 2,4,5-Trichlorophenol	12.83	196	62872	45.93	ng/ul	93
40) 1,1'-Biphenyl	13.14	154	219555	38.48	ng/ul	98
41) 2-Chloronaphthalene	13.17	162	173959	39.68	ng/ul	98
42) 2-Nitroaniline	13.40	65	65933	51.67	ng/ul	96
44) Dimethylphthalate	13.77	163	231667	42.24	ng/ul	98
45) 2,6-Dinitrotoluene	13.89	165	51604	44.83	ng/ul#	93
47) Acenaphthylene	14.03	152	288135	38.86	ng/ul	98
48) 3-Nitroaniline	14.22	138	53065	41.76	ng/ul	97
49) Acenaphthene	14.37	153	187002	37.73	ng/ul	97
50) 2,4-Dinitrophenol	14.44	184	27373	47.97	ng/ul#	92
52) 4-Nitrophenol	14.58	109	46170	63.84	ng/ul	98
53) Dibenzofuran	14.71	168	262972	39.07	ng/ul	98
54) 2,4-Dinitrotoluene	14.69	165	76776	46.36	ng/ul#	96
55) 2,3,4,6-Tetrachlorophenol	14.94	232	57067	47.68	ng/ul#	95
56) Diethylphthalate	15.14	149	246219	43.31	ng/ul	97
58) Fluorene	15.36	166	235794	40.34	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.35	204	121110	44.01	ng/ul	98
60) 4-Nitroaniline	15.39	138	54896	36.19	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.45	198	48486	45.98	ng/ul#	98
64) N-Nitrosodiphenylamine	15.58	169	194120	38.36	ng/ul	98
65) 4-Bromophenyl-phenylether	16.25	248	75699	44.10	ng/ul	98
66) Hexachlorobenzene	16.36	284	79544	41.88	ng/ul	96
67) Atrazine	16.53	200	83584	46.53	ng/ul	92
68) Pentachlorophenol	16.71	266	39201	37.94	ng/ul	92
69) Phenanthrene	17.10	178	350281	38.68	ng/ul	100
71) Anthracene	17.19	178	360136	39.05	ng/ul	97
72) Carbazole	17.47	167	323838	39.55	ng/ul#	95
73) Di-n-butylphthalate	18.03	149	444604	42.59	ng/ul	99
74) Fluoranthene	19.12	202	427461	44.89	ng/ul	99
77) Pyrene	19.49	202	440517	41.06	ng/ul	99
78) Butylbenzylphthalate	20.39	149	201280	44.89	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.17	252	152594	49.59	ng/ul	97
80) Benzo(a)anthracene	21.23	228	417782	42.11	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.17	149	283331	46.18	ng/ul	99
82) Chrysene	21.29	228	384269	40.93	ng/ul	96
84) Di-n-octyl phthalate	22.04	149	463489	47.72	ng/ul	100
85) Benzo(b)fluoranthene	22.82	252	419175	43.69	ng/ul#	96
86) Benzo(k)fluoranthene	22.87	252	385188	40.97	ng/ul	98
88) Benzo(a)pyrene	23.40	252	390224	41.43	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.79	276	440267	40.49	ng/ul	96
90) Dibenzo(a,h)anthracene	25.80	278	380833	41.74	ng/ul	98
91) Benzo(g,h,i)perylene	26.49	276	362109	39.60	ng/ul	97

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

