

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
 Data File : BG026743.D
 Acq On : 28 Apr 2017 12:33
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02061

Manual Integrations
 APPROVED

mohammad
 5/1/2017 7:23:12 PM

Quant Time: Apr 29 00:36:36 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 28 08:38:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	171107	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	837420	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	485072	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	938284	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	842222	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	879180	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	29198	7.68	ng/uL	0.00
5) Phenol-d5	7.19	99	330775	21.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	184643	20.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	264596	20.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	277259	21.88	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	136902	19.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	154818	20.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	258947	21.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	364919	22.54	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	755403	19.35	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	993565	20.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	136108	19.34	ng/ul	0.00
57) Fluorene-d10	15.61	176	673040	19.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	112277	19.71	ng/ul	0.00
70) Anthracene-d10	17.46	188	918538	20.17	ng/ul	0.00
76) Pyrene-d10	19.74	212	856514	19.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.54	264	829523	19.96	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.46	88	32930	7.60	ng/uL# 79
4) Benzaldehyde	7.15	77	130938m	17.74	ng/ul
6) Phenol	7.21	94	335517	21.68	ng/ul# 77
8) Bis(2-Chloroethyl)ether	7.43	93	242415	20.29	ng/ul 86
10) 2-Chlorophenol	7.58	128	259371	20.33	ng/ul# 81
11) 2-Methylphenol	8.46	108	263592	21.52	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.54	45	263944	21.17	ng/ul# 82
14) Acetophenone	8.83	105	388575	20.87	ng/ul# 72
15) N-Nitroso-di-n-propylamine	8.81	70	184539	20.09	ng/ul# 72
16) 4-Methylphenol	8.79	108	290138	21.65	ng/ul 100
17) Hexachloroethane	9.10	117	93082	19.40	ng/ul# 76
20) Nitrobenzene	9.21	77	269295	19.94	ng/ul# 80
21) Isophorone	9.73	82	521868	20.13	ng/ul# 89
23) 2-Nitrophenol	9.92	139	163989	20.49	ng/ul# 59
24) 2,4-Dimethylphenol	9.99	107	308068	21.11	ng/ul# 80
25) Bis(2-Chloroethoxy)methane	10.21	93	350427	19.79	ng/ul# 94
27) 2,4-Dichlorophenol	10.47	162	253870	21.04	ng/ul 93
28) Naphthalene	10.86	128	873542	20.04	ng/ul 97
30) 4-Chloroaniline	10.97	127	343124	22.46	ng/ul 94
31) Hexachlorobutadiene	11.15	225	118786	19.47	ng/ul# 87
32) Caprolactam	11.72	113	97279	21.58	ng/ul# 59
33) 4-Chloro-3-methylphenol	12.10	107	300724	22.99	ng/ul# 87
34) 2-Methylnaphthalene	12.46	142	657686	20.33	ng/ul 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.83	216	245862	19.22	ng/ul	98
37) Hexachlorocyclopentadiene	12.81	237	108810	19.31	ng/ul	96
38) 2,4,6-Trichlorophenol	13.07	196	188854	21.47	ng/ul	97
39) 2,4,5-Trichlorophenol	13.15	196	187248	20.59	ng/ul	96
40) 1,1'-Biphenyl	13.46	154	804620	19.73	ng/ul	97
41) 2-Chloronaphthalene	13.50	162	600104	19.58	ng/ul	97
42) 2-Nitroaniline	13.71	65	187231	21.38	ng/ul#	64
44) Dimethylphthalate	14.07	163	735470	19.24	ng/ul	99
45) 2,6-Dinitrotoluene	14.19	165	164119	20.35	ng/ul#	82
47) Acenaphthylene	14.35	152	1011383	20.25	ng/ul	98
48) 3-Nitroaniline	14.52	138	176351	20.78	ng/ul#	77
49) Acenaphthene	14.68	153	687354	19.78	ng/ul	95
50) 2,4-Dinitrophenol	14.74	184	86134	20.88	ng/ul#	72
52) 4-Nitrophenol	14.85	109	79857	19.35	ng/ul#	34
53) Dibenzofuran	15.02	168	915370	19.79	ng/ul	96
54) 2,4-Dinitrotoluene	14.98	165	229944	19.92	ng/ul#	73
55) 2,3,4,6-Tetrachlorophenol	15.25	232	146967	20.57	ng/ul#	79
56) Diethylphthalate	15.42	149	786116	19.65	ng/ul	100
58) Fluorene	15.66	166	755327	20.01	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.65	204	322837	19.62	ng/ul	93
60) 4-Nitroaniline	15.69	138	161863	17.30	ng/ul#	49
63) 4,6-Dinitro-2-methylphenol	15.75	198	120443	20.30	ng/ul#	89
64) N-Nitrosodiphenylamine	15.86	169	638802	20.71	ng/ul	96
65) 4-Bromophenyl-phenylether	16.55	248	192850	20.60	ng/ul#	86
66) Hexachlorobenzene	16.67	284	202216	20.05	ng/ul#	88
67) Atrazine	16.81	200	197832	20.53	ng/ul	94
68) Pentachlorophenol	17.02	266	92666	20.12	ng/ul	90
69) Phenanthrene	17.40	178	1061953	20.09	ng/ul	99
71) Anthracene	17.49	178	1095770	20.21	ng/ul	99
72) Carbazole	17.76	167	989445	21.58	ng/ul	98
73) Di-n-butylphthalate	18.31	149	1248281	20.93	ng/ul#	96
74) Fluoranthene	19.40	202	1066754	21.74	ng/ul#	82
77) Pyrene	19.76	202	1097358	19.42	ng/ul#	80
78) Butylbenzylphthalate	20.63	149	568338	21.66	ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.49	252	352932	21.80	ng/ul#	92
80) Benzo(a)anthracene	21.58	228	987762	20.05	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.48	149	823827	22.00	ng/ul#	98
82) Chrysene	21.65	228	889544	19.44	ng/ul	98
84) Di-n-octyl phthalate	22.66	149	1412138	23.37	ng/ul	100
85) Benzo(b)fluoranthene	23.75	252	1008904	20.08	ng/ul#	93
86) Benzo(k)fluoranthene	23.82	252	957909	19.41	ng/ul#	93
88) Benzo(a)pyrene	24.61	252	975134	19.72	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	28.36	276	1161842	19.82	ng/ul#	80
90) Dibenzo(a,h)anthracene	28.41	278	981186	19.74	ng/ul#	87
91) Benzo(g,h,i)perylene	29.49	276	967110	19.90	ng/ul#	81

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

