

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022544.D
 Acq On : 24 Jun 2016 18:47
 Operator : UM/SJ
 Sample : SSTDICV40
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG062516

Quant Time: Jun 24 20:16:40 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	128848	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	537962	20.00	ng	0.01
38) Acenaphthene-d10	14.81	164	368205	20.00	ng	0.01
63) Phenanthrene-d10	17.56	188	876065	20.00	ng	0.01
75) Chrysene-d12	21.85	240	952995	20.00	ng	0.00
86) Perylene-d12	25.21	264	1005951	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	644960	80.29	ng	0.01
7) Phenol-d6	7.32	99	923027	81.52	ng	0.02
23) Nitrobenzene-d5	9.35	82	1020048	80.25	ng	0.01
41) 2,4,6-Tribromophenol	16.30	330	437656	75.57	ng	0.01
44) 2-Fluorobiphenyl	13.44	172	1850204	79.69	ng	0.01
78) Terphenyl-d14	20.16	244	2621946	72.89	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.60	88	142365	43.73	ng	92
3) Pyridine	4.01	79	409600	44.98	ng	97
4) n-Nitrosodimethylamine	3.91	42	210172	40.35	ng	97
6) Aniline	7.50	93	628199	41.85	ng	97
8) 2-Chlorophenol	7.74	128	327401	39.35	ng	99
9) Benzaldehyde	7.31	77	168332	42.24	ng	90
10) Phenol	7.34	94	485765	40.59	ng	96
11) bis(2-Chloroethyl)ether	7.59	93	399123	40.51	ng	98
12) 1,3-Dichlorobenzene	8.07	146	395575	39.07	ng	97
13) 1,4-Dichlorobenzene	8.21	146	399630	39.37	ng	97
14) 1,2-Dichlorobenzene	8.54	146	379553	39.32	ng	96
15) Benzyl Alcohol	8.41	79	452531	43.19	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.71	45	441475	40.52	ng	97
17) 2-Methylphenol	8.61	107	322770	40.92	ng	97
18) Hexachloroethane	9.28	117	166562	39.64	ng	94
19) n-Nitroso-di-n-propylamine	8.98	70	374250	39.69	ng	99
20) 3+4-Methylphenols	8.94	107	433224	39.87	ng	97
22) Acetophenone	9.01	105	613226	39.43	ng	# 99
24) Nitrobenzene	9.39	77	546567	38.91	ng	94
25) Isophorone	9.92	82	952745	38.61	ng	98
26) 2-Nitrophenol	10.11	139	200114	39.55	ng	93
27) 2,4-Dimethylphenol	10.15	122	369056	38.17	ng	94
28) bis(2-Chloroethoxy)methane	10.40	93	522266	38.77	ng	98
29) 2,4-Dichlorophenol	10.64	162	366751	38.94	ng	98
30) 1,2,4-Trichlorobenzene	10.86	180	426598	38.14	ng	96
31) Naphthalene	11.05	128	1048940	38.79	ng	99
32) Benzoic acid	10.27	122	244884	39.73	ng	97
33) 4-Chloroaniline	11.15	127	480510	41.25	ng	97
34) Hexachlorobutadiene	11.33	225	339196	39.02	ng	94
35) Caprolactam	11.93	113	115239	38.84	ng	# 91
36) 4-Chloro-3-methylphenol	12.26	107	445929	38.57	ng	98
37) 2-Methylnaphthalene	12.65	142	796049	37.96	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	522175	37.56	ng	99
40) Hexachlorocyclopentadiene	12.99	237	440687	39.71	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	348822	39.13	ng	94
43) 2,4,5-Trichlorophenol	13.31	196	365763	39.21	ng	92
45) 1,1'-Biphenyl	13.64	154	1064184	37.94	ng	97
46) 2-Chloronaphthalene	13.69	162	871791	37.77	ng	97
47) 2-Nitroaniline	13.88	65	347325	38.99	ng	94
48) Acenaphthylene	14.54	152	1283781	38.35	ng	99
49) Dimethylphthalate	14.26	163	1164009	38.11	ng	97
50) 2,6-Dinitrotoluene	14.38	165	263660	39.72	ng	88
51) Acenaphthene	14.88	154	952481	38.62	ng	99
52) 3-Nitroaniline	14.71	138	247205	39.81	ng	95
53) 2,4-Dinitrophenol	14.91	184	167738	41.03	ng	94
54) Dibenzofuran	15.21	168	1345298	37.66	ng	99
55) 4-Nitrophenol	14.99	139	211156	40.21	ng	95
56) 2,4-Dinitrotoluene	15.16	165	364104	39.60	ng	97
57) Fluorene	15.86	166	1081346	37.94	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	377797	39.07	ng	# 99
59) Diethylphthalate	15.62	149	1176175	37.46	ng	99
60) 4-Chlorophenyl-phenylether	15.85	204	638709	37.64	ng	98
61) 4-Nitroaniline	15.87	138	243488	38.00	ng	91
62) Azobenzene	16.14	77	1282769	37.72	ng	94
64) 4,6-Dinitro-2-methylphenol	15.92	198	235801	40.13	ng	93
65) n-Nitrosodiphenylamine	16.06	169	997604	39.13	ng	96
66) 4-Bromophenyl-phenylether	16.74	248	437360	38.48	ng	97
67) Hexachlorobenzene	16.86	284	455977	37.94	ng	98
68) Atrazine	17.00	200	425759	39.55	ng	98
69) Pentachlorophenol	17.20	266	325271	39.33	ng	98
70) Phenanthrene	17.60	178	1746022	39.08	ng	98
71) Anthracene	17.70	178	1777009	38.65	ng	99
72) Carbazole	17.96	167	1541750	39.56	ng	99
73) Di-n-butylphthalate	18.51	149	1845267	40.65	ng	100
74) Fluoranthene	19.60	202	2023029	39.31	ng	99
76) Benzidine	19.78	184	638815	62.96	ng	98
77) Pyrene	19.96	202	2060211	40.59	ng	98
79) Butylbenzylphthalate	20.84	149	885626	40.31	ng	99
80) Benzo(a)anthracene	21.83	228	2162360	41.01	ng	98
81) 3,3'-Dichlorobenzidine	21.74	252	877422	40.28	ng	97
82) Chrysene	21.90	228	2032401	41.01	ng	97
83) Bis(2-ethylhexyl)phthalate	21.73	149	1235779	39.94	ng	99
84) Di-n-octyl phthalate	23.00	149	2049864	40.20	ng	100
85) Indeno(1,2,3-cd)pyrene	29.07	276	2617674	40.20	ng	# 100
87) Benzo(b)fluoranthene	24.14	252	2367811	39.15	ng	99
88) Benzo(k)fluoranthene	24.21	252	2278175	39.84	ng	# 98
89) Benzo(a)pyrene	25.06	252	2301485	39.03	ng	# 99
90) Dibenzo(a,h)anthracene	29.15	278	2153952	38.80	ng	# 93
91) Benzo(g,h,i)perylene	30.28	276	2166600	38.34	ng	98

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

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