

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051515\
 Data File : BG017195.D
 Acq On : 16 May 2015 3:46
 Operator : TP/IZ
 Sample : G2250-21MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-04-D1MSD

Manual Integrations
 APPROVED

apatel
 5/18/2015 12:15:42 PM

Quant Time: May 16 04:53:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 16 00:58:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	39310	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	172791	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	115743	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	268950	20.00	ng	0.00
75) Chrysene-d12	21.29	240	281497	20.00	ng	0.00
86) Perylene-d12	23.56	264	269679	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	283640	128.02	ng	0.00
7) Phenol-d6	6.91	99	369733	118.91	ng	0.00
23) Nitrobenzene-d5	8.87	82	281747	76.13	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	184230	131.67	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	613612	77.79	ng	0.00
78) Terphenyl-d14	19.74	244	1089179	80.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.18	88	28757	32.90	ng	# 85
3) Pyridine	3.58	79	76853	29.06	ng	96
4) n-Nitrosodimethylamine	3.49	42	70642	35.19	ng	# 98
6) Aniline	7.04	93	73004	16.97	ng	96
8) 2-Chlorophenol	7.28	128	113383	42.78	ng	96
9) Benzaldehyde	6.84	77	34728	14.35	ng	91
10) Phenol	6.93	94	126853	38.47	ng	98
11) bis(2-Chloroethyl)ether	7.14	93	97817	39.56	ng	97
12) 1,3-Dichlorobenzene	7.59	146	100871	34.08	ng	98
13) 1,4-Dichlorobenzene	7.74	146	106997	35.81	ng	85
14) 1,2-Dichlorobenzene	8.05	146	101899	35.70	ng	97
15) Benzyl Alcohol	7.95	79	116343	38.51	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.24	45	159234	39.72	ng	99
17) 2-Methylphenol	8.17	107	97005	40.57	ng	91
18) Hexachloroethane	8.78	117	43315	34.70	ng	90
19) n-Nitroso-di-n-propylamine	8.51	70	99692	36.80	ng	97
20) 3+4-Methylphenols	8.50	107	132555	39.89	ng	94
22) Acetophenone	8.53	105	169104	40.32	ng	# 96
24) Nitrobenzene	8.91	77	143985	39.76	ng	95
25) Isophorone	9.43	82	256379	37.58	ng	97
26) 2-Nitrophenol	9.62	139	63566	39.27	ng	# 86
27) 2,4-Dimethylphenol	9.69	122	113012	42.42	ng	93
28) bis(2-Chloroethoxy)methane	9.92	93	131846	39.70	ng	95
29) 2,4-Dichlorophenol	10.16	162	111147	44.22	ng	98
30) 1,2,4-Trichlorobenzene	10.36	180	107032	37.54	ng	97
31) Naphthalene	10.55	128	331164	39.17	ng	97
32) Benzoic acid	9.84	122	59840	33.14	ng	91
33) 4-Chloroaniline	10.66	127	16216	4.05	ng	97
34) Hexachlorobutadiene	10.83	225	65475	36.27	ng	99
35) Caprolactam	11.43	113	42828m	33.89	ng	
36) 4-Chloro-3-methylphenol	11.83	107	141727	44.63	ng	99
37) 2-Methylnaphthalene	12.17	142	259519	38.70	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.54	216	125419	38.30	ng	99
40) Hexachlorocyclopentadiene	12.52	237	143871	72.03	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	94175	40.54	ng	94
43) 2,4,5-Trichlorophenol	12.88	196	104560	43.69	ng	92
45) 1,1'-Biphenyl	13.19	154	347134	41.64	ng	98
46) 2-Chloronaphthalene	13.23	162	266765	40.42	ng	96
47) 2-Nitroaniline	13.44	65	111620	43.46	ng	93
48) Acenaphthylene	14.08	152	460563	40.74	ng	98
49) Dimethylphthalate	13.82	163	364403	40.27	ng	99
50) 2,6-Dinitrotoluene	13.95	165	86045	42.90	ng	95
51) Acenaphthene	14.42	154	272980	40.88	ng	98
52) 3-Nitroaniline	14.28	138	45792	20.58	ng	# 92
53) 2,4-Dinitrophenol	14.48	184	99220	85.21	ng	96
54) Dibenzofuran	14.76	168	420392	42.35	ng	97
55) 4-Nitrophenol	14.63	139	138428	77.26	ng	98
56) 2,4-Dinitrotoluene	14.73	165	123960	44.31	ng	93
57) Fluorene	15.41	166	373478	42.50	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.99	232	96237	43.81	ng	100
59) Diethylphthalate	15.19	149	402227	41.38	ng	98
60) 4-Chlorophenyl-phenylether	15.41	204	190443	42.20	ng	93
61) 4-Nitroaniline	15.45	138	100678	40.56	ng	93
62) Azobenzene	15.70	77	413294	44.50	ng	97
64) 4,6-Dinitro-2-methylphenol	15.49	198	69396	37.65	ng	98
65) n-Nitrosodiphenylamine	15.63	169	328335	39.77	ng	97
66) 4-Bromophenyl-phenylether	16.30	248	121050	41.27	ng	97
67) Hexachlorobenzene	16.42	284	123023	39.75	ng	95
68) Atrazine	16.58	200	132919	44.01	ng	99
69) Pentachlorophenol	16.77	266	148076	76.63	ng	94
70) Phenanthrene	17.15	178	571027	41.17	ng	99
71) Anthracene	17.24	178	595943	42.40	ng	97
72) Carbazole	17.52	167	562046	43.52	ng	97
73) Di-n-butylphthalate	18.08	149	738555	42.74	ng	99
74) Fluoranthene	19.17	202	703652	42.25	ng	97
76) Benzidine	19.36	184	83064	9.04	ng	95
77) Pyrene	19.53	202	719792	41.68	ng	99
79) Butylbenzylphthalate	20.43	149	331253	42.18	ng	99
80) Benzo(a)anthracene	21.28	228	653044	40.48	ng	98
81) 3,3'-Dichlorobenzidine	21.22	252	136778	21.91	ng	99
82) Chrysene	21.33	228	604423	40.23	ng	99
83) Bis(2-ethylhexyl)phthalate	21.21	149	455920	40.85	ng	99
84) Di-n-octyl phthalate	22.09	149	764439	41.14	ng	99
85) Indeno(1,2,3-cd)pyrene	25.87	276	716821	39.87	ng	98
87) Benzo(b)fluoranthene	22.87	252	656364	41.75	ng	99
88) Benzo(k)fluoranthene	22.92	252	645071	43.22	ng	99
89) Benzo(a)pyrene	23.46	252	623936	43.22	ng	100
90) Dibenzo(a,h)anthracene	25.89	278	619230	41.78	ng	98
91) Benzo(g,h,i)perylene	26.59	276	574537	41.19	ng	97

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

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