

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060915\
 Data File : BG017573.D
 Acq On : 9 Jun 2015 15:00
 Operator : TP/IZ
 Sample : PB83780BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB83780BS

Manual Integrations
 APPROVED

apatel
 6/10/2015 5:42:18 PM

Quant Time: Jun 10 05:24:49 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 05:08:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	14356	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	56659	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	39391	20.00	ng	0.00
63) Phenanthrene-d10	17.01	188	91516	20.00	ng	0.00
75) Chrysene-d12	21.20	240	117667	20.00	ng	0.00
86) Perylene-d12	23.42	264	110669	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.17	112	111466	136.79	ng	0.00
7) Phenol-d6	6.79	99	138138	124.44	ng	0.00
23) Nitrobenzene-d5	8.74	82	100719	88.74	ng	0.00
41) 2,4,6-Tribromophenol	15.75	330	72349	132.24	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	223683	85.66	ng	0.00
78) Terphenyl-d14	19.64	244	452564	79.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.01	88	10791	29.42	ng	# 78
3) Pyridine	3.41	79	33446	34.14	ng	97
4) n-Nitrosodimethylamine	3.33	42	30626	47.70	ng	83
6) Aniline	6.91	93	46061	30.91	ng	98
8) 2-Chlorophenol	7.15	128	38639	40.10	ng	98
9) Benzaldehyde	6.72	77	29062	38.57	ng	96
10) Phenol	6.81	94	45731	40.11	ng	90
11) bis(2-Chloroethyl)ether	7.01	93	31713	36.50	ng	96
12) 1,3-Dichlorobenzene	7.46	146	43261	40.16	ng	94
13) 1,4-Dichlorobenzene	7.60	146	41272	36.56	ng	95
14) 1,2-Dichlorobenzene	7.92	146	40103	37.95	ng	98
15) Benzyl Alcohol	7.83	79	39519	38.24	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.12	45	50923	34.78	ng	97
17) 2-Methylphenol	8.05	107	32869	37.99	ng	96
18) Hexachloroethane	8.64	117	17431	38.71	ng	88
19) n-Nitroso-di-n-propylamine	8.39	70	31622	33.67	ng	91
20) 3+4-Methylphenols	8.38	107	46226	38.62	ng	# 83
22) Acetophenone	8.40	105	56747	40.86	ng	# 95
24) Nitrobenzene	8.78	77	49926	42.37	ng	99
25) Isophorone	9.30	82	85862	36.17	ng	100
26) 2-Nitrophenol	9.49	139	21516	39.37	ng	# 80
27) 2,4-Dimethylphenol	9.57	122	37747	42.48	ng	98
28) bis(2-Chloroethoxy)methane	9.79	93	42952	39.60	ng	# 90
29) 2,4-Dichlorophenol	10.04	162	40698	47.00	ng	85
30) 1,2,4-Trichlorobenzene	10.24	180	40901	40.17	ng	97
31) Naphthalene	10.42	128	112224	37.91	ng	98
32) Benzoic acid	9.74	122	20972	37.33	ng	92
33) 4-Chloroaniline	10.54	127	32615	24.83	ng	# 91
34) Hexachlorobutadiene	10.70	225	28368	42.80	ng	95
35) Caprolactam	11.31	113	8986	18.86	ng	88
36) 4-Chloro-3-methylphenol	11.71	107	46618	41.38	ng	95
37) 2-Methylnaphthalene	12.05	142	89943	39.53	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.42	216	47711	39.80	ng	97
40) Hexachlorocyclopentadiene	12.40	237	46077	66.40	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	35425	41.28	ng	95
43) 2,4,5-Trichlorophenol	12.77	196	37671	40.07	ng	96
45) 1,1'-Biphenyl	13.07	154	114132	39.64	ng	94
46) 2-Chloronaphthalene	13.12	162	94397	39.21	ng	100
47) 2-Nitroaniline	13.33	65	36217	40.74	ng	95
48) Acenaphthylene	13.97	152	156006	36.79	ng	98
49) Dimethylphthalate	13.72	163	127992	37.33	ng	# 97
50) 2,6-Dinitrotoluene	13.84	165	29856	38.75	ng	93
51) Acenaphthene	14.31	154	90681	36.27	ng	97
52) 3-Nitroaniline	14.17	138	19808	23.74	ng	# 95
53) 2,4-Dinitrophenol	14.39	184	35117	73.28	ng	98
54) Dibenzofuran	14.66	168	146797	39.80	ng	94
55) 4-Nitrophenol	14.54	139	45087	67.85	ng	# 85
56) 2,4-Dinitrotoluene	14.64	165	42092	38.35	ng	# 82
57) Fluorene	15.30	166	128250	38.35	ng	96
58) 2,3,4,6-Tetrachlorophenol	14.89	232	35792m	41.74	ng	
59) Diethylphthalate	15.08	149	140640	37.79	ng	98
60) 4-Chlorophenyl-phenylether	15.30	204	68330	40.32	ng	96
61) 4-Nitroaniline	15.34	138	31174	33.93	ng	# 70
62) Azobenzene	15.60	77	142547	40.30	ng	93
64) 4,6-Dinitro-2-methylphenol	15.40	198	26698	39.35	ng	97
65) n-Nitrosodiphenylamine	15.52	169	111084	40.70	ng	98
66) 4-Bromophenyl-phenylether	16.19	248	41959	41.42	ng	97
67) Hexachlorobenzene	16.31	284	44050	40.45	ng	96
68) Atrazine	16.48	200	49362	41.09	ng	98
69) Pentachlorophenol	16.67	266	46474	70.42	ng	100
70) Phenanthrene	17.05	178	202632	39.71	ng	97
71) Anthracene	17.13	178	211945	41.58	ng	97
72) Carbazole	17.42	167	190369	37.82	ng	97
73) Di-n-butylphthalate	17.98	149	256264	39.76	ng	98
74) Fluoranthene	19.07	202	264967	39.71	ng	98
76) Benzidine	19.27	184	162781	40.25	ng	99
77) Pyrene	19.44	202	276805	38.19	ng	98
79) Butylbenzylphthalate	20.34	149	125815	40.11	ng	97
80) Benzo(a)anthracene	21.18	228	278229	38.45	ng	97
81) 3,3'-Dichlorobenzidine	21.12	252	61784	22.85	ng	97
82) Chrysene	21.24	228	250726	38.26	ng	98
83) Bis(2-ethylhexyl)phthalate	21.12	149	182295	40.30	ng	97
84) Di-n-octyl phthalate	21.99	149	297815	39.27	ng	97
85) Indeno(1,2,3-cd)pyrene	25.68	276	307008	37.31	ng	96
87) Benzo(b)fluoranthene	22.75	252	277656	39.59	ng	99
88) Benzo(k)fluoranthene	22.80	252	256293	38.19	ng	# 98
89) Benzo(a)pyrene	23.32	252	258518	40.19	ng	98
90) Dibenzo(a,h)anthracene	25.69	278	263420	39.42	ng	98
91) Benzo(g,h,i)perylene	26.37	276	248180	39.02	ng	# 93

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

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