

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
 Data File : BG017279.D
 Acq On : 26 May 2015 16:05
 Operator : TP/IZ
 Sample : PB83584BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83584BS

Manual Integrations
 APPROVED

apatel
 5/27/2015 2:57:54 PM

Quant Time: May 27 03:46:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 03:15:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	21463	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	88817	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	61360	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	164157	20.00	ng	0.00
75) Chrysene-d12	21.26	240	190941	20.00	ng	0.00
86) Perylene-d12	23.51	264	188242	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	167255	138.26	ng	0.00
7) Phenol-d6	6.87	99	220816	130.07	ng	0.00
23) Nitrobenzene-d5	8.83	82	144575	76.00	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	116647	157.26	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	327655	78.36	ng	0.00
78) Terphenyl-d14	19.71	244	741540	80.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	16122	33.78	ng	99
3) Pyridine	3.52	79	48934	33.89	ng	98
4) n-Nitrosodimethylamine	3.44	42	37324	34.06	ng	# 99
6) Aniline	7.00	93	58530	24.92	ng	93
8) 2-Chlorophenol	7.24	128	59504	41.12	ng	98
9) Benzaldehyde	6.81	77	7686	5.34	ng	97
10) Phenol	6.90	94	75441	41.90	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	51964	38.49	ng	96
12) 1,3-Dichlorobenzene	7.55	146	59784	36.99	ng	95
13) 1,4-Dichlorobenzene	7.70	146	62383	38.24	ng	91
14) 1,2-Dichlorobenzene	8.01	146	58073	37.27	ng	96
15) Benzyl Alcohol	7.91	79	58691	35.58	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	82243	37.58	ng	97
17) 2-Methylphenol	8.13	107	50417	38.62	ng	95
18) Hexachloroethane	8.73	117	25802	37.86	ng	92
19) n-Nitroso-di-n-propylamine	8.48	70	48012	32.46	ng	99
20) 3+4-Methylphenols	8.46	107	70418	38.82	ng	91
22) Acetophenone	8.49	105	86728	40.23	ng	95
24) Nitrobenzene	8.87	77	71208	38.26	ng	97
25) Isophorone	9.39	82	127449	36.35	ng	96
26) 2-Nitrophenol	9.57	139	34192	41.09	ng	# 89
27) 2,4-Dimethylphenol	9.66	122	60081	43.87	ng	97
28) bis(2-Chloroethoxy)methane	9.88	93	67130	39.32	ng	96
29) 2,4-Dichlorophenol	10.13	162	59005	45.67	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	58457	39.89	ng	95
31) Naphthalene	10.51	128	173165	39.84	ng	98
32) Benzoic acid	9.80	122	36992	39.86	ng	# 88
33) 4-Chloroaniline	10.63	127	42560	20.70	ng	97
34) Hexachlorobutadiene	10.79	225	36533	39.37	ng	95
35) Caprolactam	11.41	113	31061m	47.82	ng	
36) 4-Chloro-3-methylphenol	11.79	107	73168	44.82	ng	94
37) 2-Methylnaphthalene	12.13	142	132283	38.38	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	67697	39.00	ng	100
40) Hexachlorocyclopentadiene	12.48	237	83444	78.80	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	51575	41.88	ng	98
43) 2,4,5-Trichlorophenol	12.85	196	59712	47.06	ng	95
45) 1,1'-Biphenyl	13.15	154	172295	38.98	ng	99
46) 2-Chloronaphthalene	13.19	162	138160	39.48	ng	99
47) 2-Nitroaniline	13.41	65	58891	43.26	ng	99
48) Acenaphthylene	14.04	152	238696	39.83	ng	99
49) Dimethylphthalate	13.79	163	200247	41.74	ng	99
50) 2,6-Dinitrotoluene	13.91	165	47010	44.22	ng	99
51) Acenaphthene	14.39	154	137797	38.93	ng	99
52) 3-Nitroaniline	14.24	138	36668	31.09	ng	91
53) 2,4-Dinitrophenol	14.45	184	58717	95.12	ng	89
54) Dibenzofuran	14.72	168	222788	42.33	ng	98
55) 4-Nitrophenol	14.60	139	95351	100.39	ng	92
56) 2,4-Dinitrotoluene	14.70	165	73003	49.23	ng	91
57) Fluorene	15.37	166	199258	42.78	ng	98
58) 2,3,4,6-Tetrachlorophenol	14.96	232	55620	47.76	ng	98
59) Diethylphthalate	15.16	149	220846	42.85	ng	99
60) 4-Chlorophenyl-phenylether	15.37	204	101567	42.45	ng	93
61) 4-Nitroaniline	15.41	138	62665	47.62	ng	93
62) Azobenzene	15.66	77	215719	43.81	ng	96
64) 4,6-Dinitro-2-methylphenol	15.46	198	45007	40.00	ng	96
65) n-Nitrosodiphenylamine	15.59	169	181926	36.10	ng	98
66) 4-Bromophenyl-phenylether	16.27	248	65610	36.65	ng	94
67) Hexachlorobenzene	16.38	284	68672	36.35	ng	93
68) Atrazine	16.55	200	83851	45.48	ng	98
69) Pentachlorophenol	16.73	266	96332	81.68	ng	97
70) Phenanthrene	17.11	178	337301	39.85	ng	98
71) Anthracene	17.21	178	350747	40.88	ng	98
72) Carbazole	17.48	167	361187	45.82	ng	96
73) Di-n-butylphthalate	18.05	149	469591	44.52	ng	97
74) Fluoranthene	19.13	202	460826	45.33	ng	98
76) Benzidine	19.33	184	210464	33.76	ng	98
77) Pyrene	19.50	202	473381	40.41	ng	98
79) Butylbenzylphthalate	20.40	149	211495	39.71	ng	99
80) Benzo(a)anthracene	21.24	228	443623	40.54	ng	99
81) 3,3'-Dichlorobenzidine	21.18	252	121262	28.64	ng	99
82) Chrysene	21.30	228	408800	40.11	ng	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	296882	39.22	ng	99
84) Di-n-octyl phthalate	22.05	149	510469	40.50	ng	97
85) Indeno(1,2,3-cd)pyrene	25.80	276	489109	40.10	ng	100
87) Benzo(b)fluoranthene	22.82	252	432982	39.46	ng	99
88) Benzo(k)fluoranthene	22.87	252	429380	41.21	ng	99
89) Benzo(a)pyrene	23.41	252	419093	41.59	ng	99
90) Dibenzo(a,h)anthracene	25.81	278	414262	40.04	ng	95
91) Benzo(g,h,i)perylene	26.50	276	394624	40.53	ng	98

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

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