

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032515\
 Data File : BG016108.D
 Acq On : 25 Mar 2015 18:33
 Operator : TP/IZ
 Sample : PB82316BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82316BS

Manual Integrations
 APPROVED

apatel
 3/27/2015 10:47:23 AM

Quant Time: Mar 26 15:43:13 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 15:24:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	57808	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	249239	20.00	ng	0.00
38) Acenaphthene-d10	14.42	164	148663	20.00	ng	0.00
63) Phenanthrene-d10	17.16	188	319210	20.00	ng	0.00
75) Chrysene-d12	21.33	240	403309	20.00	ng	0.00
86) Perylene-d12	23.62	264	383479	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	269415	78.00	ng	0.00
7) Phenol-d6	6.96	99	370740	77.11	ng	0.00
23) Nitrobenzene-d5	8.94	82	250215	62.25	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	119493	70.00	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	587363	66.13	ng	0.00
78) Terphenyl-d14	19.78	244	1008965	63.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	49001	35.13	ng	96
3) Pyridine	3.69	79	140170	32.15	ng	99
4) n-Nitrosodimethylamine	3.60	42	44555	34.73	ng	99
6) Aniline	7.12	93	90643	13.21	ng	98
8) 2-Chlorophenol	7.36	128	158976	38.79	ng	99
9) Benzaldehyde	6.94	77	8315	4.14	ng	93
10) Phenol	6.99	94	213150	40.34	ng	98
11) bis(2-Chloroethyl)ether	7.22	93	153483	35.82	ng	99
12) 1,3-Dichlorobenzene	7.68	146	155315	35.07	ng	99
13) 1,4-Dichlorobenzene	7.83	146	158007	34.39	ng	98
14) 1,2-Dichlorobenzene	8.15	146	151325	34.83	ng	98
15) Benzyl Alcohol	8.03	79	122747	34.54	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.33	45	162566	33.75	ng	98
17) 2-Methylphenol	8.23	107	137908	37.01	ng	99
18) Hexachloroethane	8.87	117	56196	34.13	ng	98
19) n-Nitroso-di-n-propylamine	8.59	70	112343	31.90	ng	98
20) 3+4-Methylphenols	8.56	107	187111	37.02	ng	98
22) Acetophenone	8.61	105	207727	37.05	ng	99
24) Nitrobenzene	8.99	77	156847	36.24	ng	99
25) Isophorone	9.51	82	310577	34.05	ng	100
26) 2-Nitrophenol	9.70	139	85457	36.45	ng	96
27) 2,4-Dimethylphenol	9.75	122	157325	40.02	ng	100
28) bis(2-Chloroethoxy)methane	9.99	93	192854	36.83	ng	98
29) 2,4-Dichlorophenol	10.22	162	141735	41.01	ng	98
30) 1,2,4-Trichlorobenzene	10.44	180	132770	35.67	ng	98
31) Naphthalene	10.63	128	467783	35.02	ng	99
32) Benzoic acid	9.87	122	87454	35.18	ng	95
33) 4-Chloroaniline	10.74	127	34800	5.95	ng	98
34) Hexachlorobutadiene	10.91	225	70184	34.66	ng	99
35) Caprolactam	11.49	113	66685m	35.53	ng	
36) 4-Chloro-3-methylphenol	11.86	107	152420	37.38	ng	100
37) 2-Methylnaphthalene	12.24	142	342050	35.87	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	141298	37.74	ng	99
40) Hexachlorocyclopentadiene	12.59	237	178346	81.47	ng	98

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42) 2,4,6-Trichlorophenol	12.84	196	102127	38.18	ng	97
43) 2,4,5-Trichlorophenol	12.92	196	112161	38.45	ng	99
45) 1,1'-Biphenyl	13.25	154	408788	37.50	ng	99
46) 2-Chloronaphthalene	13.30	162	312445	36.75	ng	99
47) 2-Nitroaniline	13.50	65	89712	36.73	ng	99
48) Acenaphthylene	14.14	152	543179	34.96	ng	100
49) Dimethylphthalate	13.88	163	382779	36.72	ng	100
50) 2,6-Dinitrotoluene	14.00	165	92599	37.46	ng	97
51) Acenaphthene	14.48	154	325751	34.75	ng	99
52) 3-Nitroaniline	14.32	138	35384	11.69	ng	97
53) 2,4-Dinitrophenol	14.53	184	112046	74.30	ng	98
54) Dibenzofuran	14.82	168	485033	37.04	ng	100
55) 4-Nitrophenol	14.63	139	199811	81.47	ng	98
56) 2,4-Dinitrotoluene	14.78	165	129085	38.10	ng	98
57) Fluorene	15.46	166	414615	35.48	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.04	232	97819	37.62	ng	99
59) Diethylphthalate	15.24	149	387391	36.14	ng	100
60) 4-Chlorophenyl-phenylether	15.46	204	186360	36.26	ng	98
61) 4-Nitroaniline	15.48	138	116200	33.92	ng	99
62) Azobenzene	15.75	77	393151	35.61	ng	99
64) 4,6-Dinitro-2-methylphenol	15.54	198	76986	36.29	ng	96
65) n-Nitrosodiphenylamine	15.67	169	363323	35.70	ng	99
66) 4-Bromophenyl-phenylether	16.35	248	116458	35.55	ng	96
67) Hexachlorobenzene	16.46	284	129766	35.25	ng	98
68) Atrazine	16.62	200	123006	40.62	ng	99
69) Pentachlorophenol	16.80	266	172203	82.03	ng	99
70) Phenanthrene	17.20	178	644006	35.95	ng	99
71) Anthracene	17.29	178	652564	36.63	ng	99
72) Carbazole	17.56	167	674367	38.57	ng	100
73) Di-n-butylphthalate	18.12	149	792421	40.09	ng	100
74) Fluoranthene	19.21	202	791961	39.69	ng	99
76) Benzidine	19.39	184	316659	29.97	ng	97
77) Pyrene	19.58	202	839983	33.78	ng	99
79) Butylbenzylphthalate	20.47	149	394044	37.99	ng	98
80) Benzo(a)anthracene	21.32	228	803028	35.11	ng	99
81) 3,3'-Dichlorobenzidine	21.25	252	126065	15.85	ng	97
82) Chrysene	21.37	228	757756	36.16	ng	99
83) Bis(2-ethylhexyl)phthalate	21.24	149	525963	36.93	ng	100
84) Di-n-octyl phthalate	22.13	149	887118	36.94	ng	100
85) Indeno(1,2,3-cd)pyrene	25.97	276	913859	33.91	ng	100
87) Benzo(b)fluoranthene	22.93	252	791301	35.65	ng	98
88) Benzo(k)fluoranthene	22.97	252	764589	35.37	ng	100
89) Benzo(a)pyrene	23.52	252	754580	36.47	ng	99
90) Dibenzo(a,h)anthracene	25.98	278	764344	35.45	ng	100
91) Benzo(g,h,i)perylene	26.69	276	753920	35.28	ng	98

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

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