

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032515\
 Data File : BG016109.D
 Acq On : 25 Mar 2015 19:08
 Operator : TP/IZ
 Sample : PB82316BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82316BSD

Manual Integrations
 APPROVED

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

Quant Time: Mar 26 15:44:34 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	57129	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	249293	20.00	ng	0.00
38) Acenaphthene-d10	14.42	164	150156	20.00	ng	0.00
63) Phenanthrene-d10	17.16	188	328981	20.00	ng	0.00
75) Chrysene-d12	21.33	240	394257	20.00	ng	0.00
86) Perylene-d12	23.62	264	372868	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	263263	77.12	ng	0.00
7) Phenol-d6	6.96	99	355596	74.84	ng	0.00
23) Nitrobenzene-d5	8.94	82	242125	60.22	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	118965	69.00	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	570572	63.60	ng	0.00
78) Terphenyl-d14	19.78	244	966743	61.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	46475	33.71	ng	94
3) Pyridine	3.69	79	131580	30.53	ng	99
4) n-Nitrosodimethylamine	3.60	42	42296	33.36	ng	93
6) Aniline	7.12	93	70057	10.33	ng	98
8) 2-Chlorophenol	7.36	128	147740	36.48	ng	99
9) Benzaldehyde	6.93	77	7025	3.54	ng	91
10) Phenol	6.99	94	198033	37.92	ng	99
11) bis(2-Chloroethyl)ether	7.22	93	142547	33.66	ng	100
12) 1,3-Dichlorobenzene	7.68	146	146644	33.50	ng	99
13) 1,4-Dichlorobenzene	7.83	146	148527	32.71	ng	97
14) 1,2-Dichlorobenzene	8.14	146	143482	33.42	ng	99
15) Benzyl Alcohol	8.03	79	113451	32.31	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.33	45	152577	32.06	ng	98
17) 2-Methylphenol	8.23	107	127962	34.75	ng	96
18) Hexachloroethane	8.87	117	52778	32.43	ng	99
19) n-Nitroso-di-n-propylamine	8.59	70	103722	29.80	ng	98
20) 3+4-Methylphenols	8.56	107	173173	34.67	ng	98
22) Acetophenone	8.61	105	193542	34.51	ng	98
24) Nitrobenzene	8.99	77	146308	33.80	ng	97
25) Isophorone	9.51	82	288952	31.67	ng	99
26) 2-Nitrophenol	9.70	139	80568	34.36	ng	98
27) 2,4-Dimethylphenol	9.75	122	145404	36.98	ng	99
28) bis(2-Chloroethoxy)methane	9.99	93	180427	34.45	ng	98
29) 2,4-Dichlorophenol	10.22	162	131522	38.04	ng	100
30) 1,2,4-Trichlorobenzene	10.44	180	124368	33.41	ng	99
31) Naphthalene	10.63	128	437467	32.74	ng	99
32) Benzoic acid	9.87	122	80243	32.71	ng	97
33) 4-Chloroaniline	10.74	127	25909	4.43	ng	99
34) Hexachlorobutadiene	10.91	225	65603	32.39	ng	99
35) Caprolactam	11.49	113	62808m	33.46	ng	
36) 4-Chloro-3-methylphenol	11.86	107	142815	35.02	ng	99
37) 2-Methylnaphthalene	12.24	142	318088	33.35	ng	100
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	131593	34.79	ng	98
40) Hexachlorocyclopentadiene	12.59	237	164392	74.35	ng	96

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42) 2,4,6-Trichlorophenol	12.84	196	94138	34.85	ng	97
43) 2,4,5-Trichlorophenol	12.91	196	105016	35.64	ng	98
45) 1,1'-Biphenyl	13.25	154	383322	34.81	ng	100
46) 2-Chloronaphthalene	13.29	162	291400	33.93	ng	99
47) 2-Nitroaniline	13.50	65	84891	34.41	ng	96
48) Acenaphthylene	14.14	152	507088	32.31	ng	99
49) Dimethylphthalate	13.88	163	361054	34.29	ng	99
50) 2,6-Dinitrotoluene	14.00	165	87975	35.23	ng	99
51) Acenaphthene	14.48	154	303279	32.04	ng	99
52) 3-Nitroaniline	14.32	138	23234	7.60	ng	98
53) 2,4-Dinitrophenol	14.53	184	107406	70.78	ng	98
54) Dibenzofuran	14.82	168	455521	34.44	ng	97
55) 4-Nitrophenol	14.63	139	189778	76.61	ng	99
56) 2,4-Dinitrotoluene	14.78	165	121281	35.44	ng	95
57) Fluorene	15.46	166	393005	33.30	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.04	232	93458	35.59	ng	98
59) Diethylphthalate	15.24	149	370204	34.19	ng	99
60) 4-Chlorophenyl-phenylether	15.46	204	176879	34.07	ng	100
61) 4-Nitroaniline	15.48	138	106244	30.71	ng	98
62) Azobenzene	15.75	77	369758	33.15	ng	99
64) 4,6-Dinitro-2-methylphenol	15.54	198	73870	33.78	ng	95
65) n-Nitrosodiphenylamine	15.67	169	342917	32.69	ng	100
66) 4-Bromophenyl-phenylether	16.35	248	109525	32.44	ng	97
67) Hexachlorobenzene	16.46	284	122100	32.18	ng	99
68) Atrazine	16.62	200	117039	37.50	ng	99
69) Pentachlorophenol	16.80	266	164050	75.83	ng	99
70) Phenanthrene	17.20	178	610877	33.09	ng	99
71) Anthracene	17.29	178	620556	33.80	ng	99
72) Carbazole	17.56	167	635430	35.27	ng	99
73) Di-n-butylphthalate	18.12	149	755566	37.09	ng	99
74) Fluoranthene	19.21	202	747996	36.38	ng	100
76) Benzidine	19.39	184	278373	26.95	ng	99
77) Pyrene	19.58	202	785279	32.31	ng	99
79) Butylbenzylphthalate	20.47	149	360288	35.53	ng	97
80) Benzo(a)anthracene	21.31	228	735484	32.90	ng	99
81) 3,3'-Dichlorobenzidine	21.25	252	126701	16.30	ng	99
82) Chrysene	21.37	228	699499	34.15	ng	100
83) Bis(2-ethylhexyl)phthalate	21.24	149	482553	34.66	ng	100
84) Di-n-octyl phthalate	22.13	149	812373	34.60	ng	99
85) Indeno(1,2,3-cd)pyrene	25.96	276	827129	31.40	ng	100
87) Benzo(b)fluoranthene	22.92	252	695434	32.23	ng	100
88) Benzo(k)fluoranthene	22.97	252	713907	33.97	ng	98
89) Benzo(a)pyrene	23.52	252	694085	34.50	ng	99
90) Dibenzo(a,h)anthracene	25.97	278	693814	33.09	ng	99
91) Benzo(g,h,i)perylene	26.68	276	684730	32.95	ng	98

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

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