

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
 Data File : BG016361.D
 Acq On : 13 Apr 2015 15:32
 Operator : TP/IZ
 Sample : G1822-03MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5-025MS

Manual Integrations
 APPROVED

apatel
 4/14/2015 5:28:14 PM

Quant Time: Apr 14 03:17:02 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 02:12:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	86792	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	401027	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	234036	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	499031	20.00	ng	0.00
75) Chrysene-d12	21.24	240	443702	20.00	ng	0.00
86) Perylene-d12	23.47	264	414541	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	565612	102.85	ng	0.01
7) Phenol-d6	6.86	99	799492	96.84	ng	0.00
23) Nitrobenzene-d5	8.83	82	415147	59.97	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	168342	106.36	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	847279	61.64	ng	0.00
78) Terphenyl-d14	19.69	244	1033468	54.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	61820	24.73	ng	98
3) Pyridine	3.54	79	178375	23.87	ng	97
4) n-Nitrosodimethylamine	3.46	42	62564	28.17	ng	100
6) Aniline	7.01	93	253630	21.51	ng	97
8) 2-Chlorophenol	7.25	128	218133	33.03	ng	96
9) Benzaldehyde	6.82	77	63302	13.09	ng	98
10) Phenol	6.89	94	303672	34.38	ng	98
11) bis(2-Chloroethyl)ether	7.11	93	200239	28.43	ng	99
12) 1,3-Dichlorobenzene	7.56	146	198124	29.71	ng	96
13) 1,4-Dichlorobenzene	7.71	146	204952	29.62	ng	98
14) 1,2-Dichlorobenzene	8.03	146	199202	30.11	ng	98
15) Benzyl Alcohol	7.92	79	170946	29.70	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	225264	28.40	ng	98
17) 2-Methylphenol	8.13	107	186644	31.51	ng	97
18) Hexachloroethane	8.74	117	75069	28.36	ng	99
19) n-Nitroso-di-n-propylamine	8.48	70	153176	25.90	ng	96
20) 3+4-Methylphenols	8.46	107	256812	31.30	ng	99
22) Acetophenone	8.50	105	288679	31.04	ng	# 98
24) Nitrobenzene	8.87	77	213459	28.83	ng	94
25) Isophorone	9.40	82	424870	27.64	ng	98
26) 2-Nitrophenol	9.59	139	123859	35.88	ng	96
27) 2,4-Dimethylphenol	9.65	122	209955	32.65	ng	100
28) bis(2-Chloroethoxy)methane	9.88	93	259678	29.59	ng	99
29) 2,4-Dichlorophenol	10.12	162	186171	36.59	ng	97
30) 1,2,4-Trichlorobenzene	10.33	180	169212	31.85	ng	100
31) Naphthalene	10.51	128	634547	30.37	ng	99
32) Benzoic acid	9.75	122	42704	17.06	ng	89
33) 4-Chloroaniline	10.63	127	233882	23.85	ng	97
34) Hexachlorobutadiene	10.80	225	74453	31.91	ng	99
35) Caprolactam	11.39	113	108404m	33.84	ng	
36) 4-Chloro-3-methylphenol	11.77	107	225647	33.57	ng	97
37) 2-Methylnaphthalene	12.13	142	459296	30.55	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	157310	30.53	ng	98
40) Hexachlorocyclopentadiene	12.48	237	136240	57.76	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	132429	34.59	ng	96
43) 2,4,5-Trichlorophenol	12.82	196	148077	36.20	ng	97
45) 1,1'-Biphenyl	13.15	154	562107	31.31	ng	97
46) 2-Chloronaphthalene	13.19	162	418332	30.59	ng	99
47) 2-Nitroaniline	13.40	65	138213	31.35	ng	95
48) Acenaphthylene	14.04	152	717236	29.49	ng	99
49) Dimethylphthalate	13.78	163	648207	37.79	ng	99
50) 2,6-Dinitrotoluene	13.90	165	133662	32.22	ng	94
51) Acenaphthene	14.39	154	438584	30.18	ng	98
52) 3-Nitroaniline	14.23	138	146854	27.72	ng	92
53) 2,4-Dinitrophenol	14.44	184	145254	62.52	ng	96
54) Dibenzofuran	14.72	168	632648	31.37	ng	98
55) 4-Nitrophenol	14.56	139	300756	68.69	ng	99
56) 2,4-Dinitrotoluene	14.69	165	189331	33.51	ng	92
57) Fluorene	15.37	166	551852	31.02	ng	98
58) 2,3,4,6-Tetrachlorophenol	14.95	232	114679	36.32	ng	94
59) Diethylphthalate	15.15	149	567272	31.07	ng	99
60) 4-Chlorophenyl-phenylether	15.36	204	228911	31.45	ng	96
61) 4-Nitroaniline	15.40	138	190301	31.65	ng	99
62) Azobenzene	15.65	77	697480	35.89	ng	98
64) 4,6-Dinitro-2-methylphenol	15.45	198	106781	31.83	ng	92
65) n-Nitrosodiphenylamine	15.58	169	502390	29.78	ng	100
66) 4-Bromophenyl-phenylether	16.25	248	123206	30.92	ng	96
67) Hexachlorobenzene	16.37	284	121964	29.45	ng	94
68) Atrazine	16.53	200	165656	35.23	ng	99
69) Pentachlorophenol	16.72	266	160972	63.66	ng	98
70) Phenanthrene	17.10	178	841654	29.99	ng	99
71) Anthracene	17.19	178	840551	30.22	ng	100
72) Carbazole	17.46	167	893758	32.02	ng	99
73) Di-n-butylphthalate	18.03	149	1050883	30.76	ng	100
74) Fluoranthene	19.12	202	915225	31.64	ng	96
76) Benzidine	19.31	184	353080	18.76	ng	98
77) Pyrene	19.48	202	950469	30.76	ng	99
79) Butylbenzylphthalate	20.38	149	491488	32.38	ng	98
80) Benzo(a)anthracene	21.22	228	804787	30.69	ng	99
81) 3,3'-Dichlorobenzidine	21.16	252	230084	26.68	ng	99
82) Chrysene	21.27	228	758287	29.95	ng	100
83) Bis(2-ethylhexyl)phthalate	21.15	149	674135	32.81	ng	97
84) Di-n-octyl phthalate	22.02	149	1134387	33.88	ng	98
85) Indeno(1,2,3-cd)pyrene	25.74	276	834600	31.73	ng	98
87) Benzo(b)fluoranthene	22.79	252	767642	31.62	ng	99
88) Benzo(k)fluoranthene	22.84	252	736949	31.02	ng	99
89) Benzo(a)pyrene	23.37	252	731011	32.13	ng	99
90) Dibenzo(a,h)anthracene	25.75	278	691962	31.25	ng	97
91) Benzo(g,h,i)perylene	26.44	276	702723	31.77	ng	99

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

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