

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
 Data File : BG021136.D
 Acq On : 28 Feb 2016 4:50
 Operator : UM/SJ
 Sample : H1443-01MS
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP004MS

Manual Integrations
 APPROVED

UMANGI
 2/29/2016 12:40:26 PM

Quant Time: Feb 29 00:50:14 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	6952	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	35905	20.00	ng	-0.01
38) Acenaphthene-d10	14.77	164	22892	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	57477	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	63423	20.00	ng	-0.02
86) Perylene-d12	25.05	264	56809	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	84623	213.11	ng	0.00
7) Phenol-d6	7.31	99	134381	227.42	ng	-0.01
23) Nitrobenzene-d5	9.33	82	92706	123.02	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	43871	146.17	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	162153	90.64	ng	-0.01
78) Terphenyl-d14	20.10	244	281845	103.85	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	9198	50.02	ng	# 86
3) Pyridine	4.01	79	28036	52.13	ng	97
4) n-Nitrosodimethylamine	3.92	42	14953	54.84	ng	98
6) Aniline	7.49	93	15422	21.10	ng	# 88
8) 2-Chlorophenol	7.73	128	30107	60.79	ng	86
9) Benzaldehyde	7.30	77	7923	24.76	ng	# 79
10) Phenol	7.34	94	44285	73.16	ng	80
11) bis(2-Chloroethyl)ether	7.58	93	29155	62.84	ng	99
12) 1,3-Dichlorobenzene	8.05	146	27362	51.91	ng	# 90
13) 1,4-Dichlorobenzene	8.20	146	28125	49.95	ng	97
14) 1,2-Dichlorobenzene	8.52	146	27371	51.34	ng	97
15) Benzyl Alcohol	8.40	79	32606	63.17	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.70	45	44164	83.02	ng	94
17) 2-Methylphenol	8.60	107	28760	67.31	ng	# 89
18) Hexachloroethane	9.25	117	11458	53.79	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	30564	67.05	ng	96
20) 3+4-Methylphenols	8.92	107	40042	67.59	ng	92
22) Acetophenone	8.99	105	48609	49.05	ng	# 95
24) Nitrobenzene	9.37	77	44215	56.79	ng	# 87
25) Isophorone	9.89	82	80788	57.20	ng	96
26) 2-Nitrophenol	10.08	139	16392	49.80	ng	# 65
27) 2,4-Dimethylphenol	10.13	122	30618	52.74	ng	91
28) bis(2-Chloroethoxy)methane	10.37	93	42536	61.80	ng	98
29) 2,4-Dichlorophenol	10.62	162	29202	51.38	ng	96
30) 1,2,4-Trichlorobenzene	10.83	180	27207	42.24	ng	98
31) Naphthalene	11.03	128	90551	49.10	ng	98
33) 4-Chloroaniline	11.13	127	10399	13.50	ng	# 88
34) Hexachlorobutadiene	11.30	225	16325	37.87	ng	97
35) Caprolactam	11.90	113	11811m	61.50	ng	
36) 4-Chloro-3-methylphenol	12.23	107	40357	57.92	ng	# 83
37) 2-Methylnaphthalene	12.61	142	67012	51.74	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	33215	39.26	ng	# 97
40) Hexachlorocyclopentadiene	12.96	237	38265	68.79	ng	95
42) 2,4,6-Trichlorophenol	13.21	196	26432	49.82	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.28	196	29015	53.23	ng	# 91
45) 1,1'-Biphenyl	13.61	154	86095	44.66	ng	96
46) 2-Chloronaphthalene	13.65	162	67753	46.32	ng	98
47) 2-Nitroaniline	13.85	65	33012	69.65	ng	# 75
48) Acenaphthylene	14.50	152	111287	48.09	ng	98
49) Dimethylphthalate	14.22	163	129368	65.57	ng	99
50) 2,6-Dinitrotoluene	14.34	165	20757	51.14	ng	# 62
51) Acenaphthene	14.84	154	75384	47.75	ng	99
52) 3-Nitroaniline	14.67	138	11142	28.21	ng	# 73
53) 2,4-Dinitrophenol	14.87	184	11340	40.07	ng	# 84
54) Dibenzofuran	15.17	168	106934	53.48	ng	93
55) 4-Nitrophenol	14.96	139	42800	122.17	ng	# 56
56) 2,4-Dinitrotoluene	15.12	165	31481	54.08	ng	# 77
57) Fluorene	15.82	166	94257	48.45	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.39	232	25586	54.01	ng	# 95
59) Diethylphthalate	15.58	149	105264	50.62	ng	99
60) 4-Chlorophenyl-phenylether	15.80	204	46227	43.20	ng	98
61) 4-Nitroaniline	15.83	138	25157	55.94	ng	# 60
62) Azobenzene	16.09	77	119879	66.54	ng	94
64) 4,6-Dinitro-2-methylphenol	15.88	198	18554	44.01	ng	95
65) n-Nitrosodiphenylamine	16.02	169	85520	50.43	ng	95
66) 4-Bromophenyl-phenylether	16.70	248	28281	41.79	ng	# 89
67) Hexachlorobenzene	16.81	284	28879	40.45	ng	# 83
68) Atrazine	16.96	200	34396	54.74	ng	95
69) Pentachlorophenol	17.15	266	40847	84.75	ng	90
70) Phenanthrene	17.55	178	161913	52.35	ng	99
71) Anthracene	17.64	178	156162	50.14	ng	98
72) Carbazole	17.91	167	150534	55.98	ng	97
73) Di-n-butylphthalate	18.45	149	196619	55.47	ng	# 98
74) Fluoranthene	19.55	202	197326	50.86	ng	99
76) Benzidine	19.72	184	34164	20.47	ng	99
77) Pyrene	19.91	202	201317	57.32	ng	98
79) Butylbenzylphthalate	20.78	149	91361	62.34	ng	89
80) Benzo(a)anthracene	21.75	228	192287	52.69	ng	98
81) 3,3'-Dichlorobenzidine	21.66	252	20368	14.26	ng	96
82) Chrysene	21.82	228	171926	48.92	ng	98
83) Bis(2-ethylhexyl)phthalate	21.64	149	133760	59.10	ng	98
84) Di-n-octyl phthalate	22.88	149	228762	60.31	ng	99
85) Indeno(1,2,3-cd)pyrene	28.80	276	195516	46.14	ng	# 100
87) Benzo(b)fluoranthene	24.01	252	184560	51.97	ng	99
88) Benzo(k)fluoranthene	24.08	252	179259	51.21	ng	97
89) Benzo(a)pyrene	24.90	252	179073	52.53	ng	95
90) Dibenzo(a,h)anthracene	28.87	278	164741	47.94	ng	98
91) Benzo(g,h,i)perylene	29.98	276	160957	48.63	ng	# 93

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

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