Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022969.D
Acq On : 9 Jul 2016 17:28
Operator : UM/SJ
Sample : PB91967BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 11 04:27:00 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : PB91967BS

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	87203	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	405159	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	318010	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	832061	20.00	ng		0.00
75) Chrysene-d12	21.85	240	921080	20.00	ng		0.00
86) Perylene-d12	25.20	264	942105	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	792676	148.67	ng		0.00
7) Phenol-d6	7.31	99	1241016	148.61	ng		0.00
23) Nitrobenzene-d5	9.32	82	856934	90.57	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	737793	129.09	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1811591	89.73	ng		0.00
78) Terphenyl-d14	20.15	244	2830114	108.12	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.97	79	250451	35.31	ng		94
4) n-Nitrosodimethylamine	3.88	42	132348	43.50	ng	#	98
6) Aniline	7.47	93	382871	33.08	ng		96
8) 2-Chlorophenol	7.71	128	287818	50.73	ng		97
9) Benzaldehyde	7.29	77	238776	42.79	ng		92
10) Phenol	7.33	94	439498	51.15	ng		93
11) bis(2-Chloroethyl)ether	7.56	93	288612	42.38	ng		91
12) 1,3-Dichlorobenzene	8.04	146	285368	41.09	ng		98
13) 1,4-Dichlorobenzene	8.19	146	291480	41.92	ng		96
14) 1,2-Dichlorobenzene	8.51	146	284357	41.14	ng		93
15) Benzyl Alcohol	8.39	79	392696	51.34	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	354951	42.67	ng		94
17) 2-Methylphenol	8.60	107	283204	50.63	ng		95
18) Hexachloroethane	9.24	117	122440	41.71	ng		98
19) n-Nitroso-di-n-propylamine	8.96	70	314160	41.73	ng		91
20) 3+4-Methylphenols	8.92	107	390103	50.01	ng		99
22) Acetophenone	8.98	105	502538	41.33	ng	#	94
24) Nitrobenzene	9.37	77	462692	46.02	ng		94
25) Isophorone	9.89	82	821554	43.17	ng	#	96
26) 2-Nitrophenol	10.08	139	178130	45.15	ng	#	84
27) 2,4-Dimethylphenol	10.13	122	320119	46.94	ng		92
28) bis(2-Chloroethoxy)methane	10.37	93	459075	43.25	ng		97
29) 2,4-Dichlorophenol	10.62	162	359993	49.49	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	355603	42.66	ng		96
31) Naphthalene	11.03	128	899698	43.62	ng		99
32) Benzoic acid	10.28	122	230212	37.11	ng		96
33) 4-Chloroaniline	11.14	127	185027	18.34	ng		92
34) Hexachlorobutadiene	11.31	225	266795	39.49	ng		97
35) Caprolactam	11.91	113	129501m	43.28	ng		
36) 4-Chloro-3-methylphenol	12.26	107	443461	44.58	ng		98
37) 2-Methylnaphthalene	12.63	142	715973	43.92	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	491288	35.85	ng		99
40) Hexachlorocyclopentadiene	12.97	237	650589	82.47	ng		97
42) 2,4,6-Trichlorophenol	13.23	196	364734	46.30	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	392984	48.58	ng		96
45) 1,1'-Biphenyl	13.63	154	1040667	43.61	ng		98
46) 2-Chloronaphthalene	13.68	162	857005	44.28	ng		96
47) 2-Nitroaniline	13.88	65	384552	46.56	ng		99
48) Acenaphthylene	14.52	152	1307920	45.05	ng		99
49) Dimethylphthalate	14.24	163	1217059	46.85	ng		98
50) 2,6-Dinitrotoluene	14.37	165	277677	47.56	ng		89
51) Acenaphthene	14.86	154	872612	45.99	ng		99
52) 3-Nitroaniline	14.71	138	173502	29.80	ng		96
53) 2,4-Dinitrophenol	14.91	184	337945	84.36	ng		94
54) Dibenzofuran	15.19	168	1422950	50.10	ng		97
55) 4-Nitrophenol	15.02	139	433619	88.86	ng		96
56) 2,4-Dinitrotoluene	15.16	165	422681	49.66	ng	#	95
57) Fluorene	15.85	166	1157972	47.37	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.42	232	408536	50.48	ng		98
59) Diethylphthalate	15.60	149	1259472	47.65	ng		97
60) 4-Chlorophenyl-phenylether	15.83	204	686909	46.14	ng		94
61) 4-Nitroaniline	15.87	138	277101	43.99	ng	#	78
62) Azobenzene	16.13	77	1380034	54.59	ng		92
64) 4,6-Dinitro-2-methylphenol	15.92	198	262944	42.52	ng		98
65) n-Nitrosodiphenylamine	16.05	169	1097556	45.78	ng		97
66) 4-Bromophenyl-phenylether	16.73	248	478436	44.19	ng		94
67) Hexachlorobenzene	16.86	284	509214	43.26	ng		96
68) Atrazine	17.00	200	480949	45.23	ng		95
69) Pentachlorophenol	17.20	266	639169	83.85	ng		99
70) Phenanthrene	17.60	178	1919349	47.07	ng		99
71) Anthracene	17.69	178	1943188	47.06	ng		97
72) Carbazole	17.96	167	1693922	47.48	ng		99
73) Di-n-butylphthalate	18.50	149	1995863	50.30	ng		99
74) Fluoranthene	19.61	202	2254899	45.06	ng		98
76) Benzidine	19.78	184	1108935	42.00	ng		99
77) Pyrene	19.96	202	2246229	43.40	ng		98
79) Butylbenzylphthalate	20.83	149	983825	47.99	ng		97
80) Benzo(a)anthracene	21.83	228	2406460	46.70	ng		99
81) 3,3'-Dichlorobenzidine	21.74	252	637531	28.18	ng		97
82) Chrysene	21.90	228	2239258	46.32	ng		97
83) Bis(2-ethylhexyl)phthalate	21.71	149	1346969	47.31	ng		97
84) Di-n-octyl phthalate	22.96	149	2262679	47.66	ng		98
85) Indeno(1,2,3-cd)pyrene	29.06	276	2898599	47.03	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	2596552m	47.77	ng		
88) Benzo(k)fluoranthene	24.21	252	2431070	47.13	ng	#	97
89) Benzo(a)pyrene	25.05	252	2488673	47.76	ng	#	97
90) Dibenzo(a,h)anthracene	29.12	278	2424230	46.88	ng	#	94
91) Benzo(g,h,i)perylene	30.26	276	2403352	46.41	ng	#	97

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

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