Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102816\
Data File : BG024541.D
Acq On : 28 Oct 2016 16:26
Operator : UM/SJ
Sample : PB94361BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 29 00:11:00 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB94361BS

Manual Integrations APPROVED
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11/1/2016 4:49:21 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	109976	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	426649	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	327811	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	717858	20.00	ng		0.00
75) Chrysene-d12	21.93	240	975491	20.00	ng		0.00
86) Perylene-d12	25.36	264	1053562	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	898057	133.84	ng		0.00
7) Phenol-d6	7.41	99	1253557	136.19	ng		0.00
23) Nitrobenzene-d5	9.45	82	871517	93.00	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	648174	132.35	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1733246	87.88	ng		0.00
78) Terphenyl-d14	20.21	244	2924860	89.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	99401	36.26	ng	#	92
3) Pyridine	4.07	79	316436	38.55	ng		95
4) n-Nitrosodimethylamine	3.99	42	186657	43.93	ng		88
6) Aniline	7.59	93	357194	30.63	ng		95
8) 2-Chlorophenol	7.83	128	314312	46.07	ng		93
9) Benzaldehyde	7.40	77	71401	12.55	ng		89
10) Phenol	7.44	94	444785	46.88	ng		94
11) bis(2-Chloroethyl)ether	7.68	93	318649	44.70	ng		90
12) 1,3-Dichlorobenzene	8.16	146	368081	43.58	ng		98
13) 1,4-Dichlorobenzene	8.31	146	379528	45.50	ng		94
14) 1,2-Dichlorobenzene	8.63	146	356810	44.49	ng		97
15) Benzyl Alcohol	8.51	79	376986	44.03	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.79	45	559500	42.31	ng		96
17) 2-Methylphenol	8.69	107	296932	47.23	ng		96
18) Hexachloroethane	9.36	117	139944	43.64	ng		93
19) n-Nitroso-di-n-propylamine	9.07	70	302999	44.67	ng		91
20) 3+4-Methylphenols	9.03	107	401873	47.61	ng		94
22) Acetophenone	9.10	105	506698	46.23	ng	#	94
24) Nitrobenzene	9.49	77	464437	44.55	ng		98
25) Isophorone	10.00	82	794358	45.57	ng		99
26) 2-Nitrophenol	10.20	139	174115	45.00	ng		94
27) 2,4-Dimethylphenol	10.24	122	329259	48.61	ng		93
28) bis(2-Chloroethoxy)methane	10.49	93	442797	49.10	ng		99
29) 2,4-Dichlorophenol	10.73	162	339259	47.72	ng		97
30) 1,2,4-Trichlorobenzene	10.96	180	381950	45.29	ng		97
31) Naphthalene	11.15	128	936038	43.98	ng		98
32) Benzoic acid	10.36	122	162950	28.89	ng		97
33) 4-Chloroaniline	11.26	127	218056	23.60	ng	#	95
34) Hexachlorobutadiene	11.41	225	287261	43.52	ng		92
35) Caprolactam	12.02	113	114275m	43.90	ng		
36) 4-Chloro-3-methylphenol	12.34	107	399535	46.55	ng		96
37) 2-Methylnaphthalene	12.73	142	696605	44.86	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	476477	43.10	ng		98
40) Hexachlorocyclopentadiene	13.07	237	684502	109.94	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	303056	45.60	ng		99
43) 2,4,5-Trichlorophenol	13.40	196	318868	44.38	ng		91
45) 1,1'-Biphenyl	13.72	154	954800	41.97	ng		99
46) 2-Chloronaphthalene	13.78	162	778418	44.94	ng		98
47) 2-Nitroaniline	13.98	65	319496	45.05	ng		99
48) Acenaphthylene	14.62	152	1136458	42.78	ng		100
49) Dimethylphthalate	14.33	163	1030968	44.30	ng		99
50) 2,6-Dinitrotoluene	14.46	165	231071	46.51	ng		96
51) Acenaphthene	14.95	154	749661	37.86	ng		98
52) 3-Nitroaniline	14.79	138	142475	27.71	ng		100
53) 2,4-Dinitrophenol	14.99	184	281134	78.09	ng		92
54) Dibenzofuran	15.28	168	1227388	44.83	ng		99
55) 4-Nitrophenol	15.08	139	394249	88.02	ng	#	87
56) 2,4-Dinitrotoluene	15.24	165	336539	46.62	ng	#	96
57) Fluorene	15.93	166	991056	43.65	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.50	232	340694	45.73	ng		94
59) Diethylphthalate	15.68	149	1060934	43.48	ng		97
60) 4-Chlorophenyl-phenylether	15.91	204	554723	43.54	ng		99
61) 4-Nitroaniline	15.95	138	226686	40.36	ng		94
62) Azobenzene	16.21	77	1093304	44.93	ng		97
64) 4,6-Dinitro-2-methylphenol	16.00	198	214796	43.43	ng		83
65) n-Nitrosodiphenylamine	16.13	169	911944	46.47	ng		98
66) 4-Bromophenyl-phenylether	16.81	248	404506	46.42	ng		97
67) Hexachlorobenzene	16.93	284	452330	46.98	ng	#	89
68) Atrazine	17.06	200	412926	49.05	ng		97
69) Pentachlorophenol	17.27	266	563639	88.71	ng		97
70) Phenanthrene	17.67	178	1664149	45.48	ng		99
71) Anthracene	17.76	178	1698813	46.02	ng		99
72) Carbazole	18.03	167	1527059	45.36	ng		99
73) Di-n-butylphthalate	18.56	149	1784502	45.97	ng		97
74) Fluoranthene	19.66	202	2120818	45.85	ng		98
76) Benzidine	19.84	184	887105	38.60	ng		98
77) Pyrene	20.03	202	2173792	45.59	ng		98
79) Butylbenzylphthalate	20.89	149	919631	46.26	ng		96
80) Benzo(a)anthracene	21.91	228	2418681	45.13	ng		100
81) 3,3'-Dichlorobenzidine	21.81	252	589723	27.28	ng		99
82) Chrysene	21.98	228	2272166	44.52	ng		99
83) Bis(2-ethylhexyl)phthalate	21.77	149	1294871	45.53	ng		99
84) Di-n-octyl phthalate	23.05	149	2225862	47.16	ng		95
85) Indeno(1,2,3-cd)pyrene	29.30	276	3187647	45.25	ng	#	98
87) Benzo(b)fluoranthene	24.26	252	2636177	46.29	ng		98
88) Benzo(k)fluoranthene	24.34	252	2442900	44.42	ng		98
89) Benzo(a)pyrene	25.20	252	2510490	45.11	ng		99
90) Dibenzo(a,h)anthracene	29.38	278	2686165	43.98	ng		99
91) Benzo(g,h,i)perylene	30.56	276	2636079	43.20	ng		99

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

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