Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023008.D
Acq On : 11 Jul 2016 19:58
Operator : UM/SJ
Sample : PB92009BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB92009BS

sohil

7/12/2016 7:33:46 PM

Quant Time: Jul 12 04:22:37 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	96309	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	444291	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	344177	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	857198	20.00	ng		0.00
75) Chrysene-d12	21.87	240	957099	20.00	ng		0.02
86) Perylene-d12	25.25	264	980121	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	842337	143.04	ng		0.00
7) Phenol-d6	7.31	99	1276603	138.42	ng		0.00
23) Nitrobenzene-d5	9.33	82	912552	87.95	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	714500	115.51	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1828702	83.69	ng		0.00
78) Terphenyl-d14	20.16	244	2786958	97.79	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.97	79	283730	36.22	ng		95
4) n-Nitrosodimethylamine	3.88	42	142488	42.40	ng	#	93
6) Aniline	7.47	93	307765	24.08	ng		99
8) 2-Chlorophenol	7.71	128	299326	47.77	ng		99
9) Benzaldehyde	7.28	77	177392	28.78	ng		91
10) Phenol	7.34	94	461987	48.68	ng		95
11) bis(2-Chloroethyl)ether	7.56	93	313528	41.68	ng		92
12) 1,3-Dichlorobenzene	8.04	146	309254	40.31	ng		96
13) 1,4-Dichlorobenzene	8.19	146	319732	41.64	ng		92
14) 1,2-Dichlorobenzene	8.51	146	302303	39.60	ng		98
15) Benzyl Alcohol	8.39	79	407481	48.24	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	374282	40.74	ng		94
17) 2-Methylphenol	8.60	107	290571	47.04	ng		95
18) Hexachloroethane	9.25	117	129968	40.09	ng		92
19) n-Nitroso-di-n-propylamine	8.96	70	325644	39.17	ng	#	96
20) 3+4-Methylphenols	8.92	107	406986	47.24	ng		97
22) Acetophenone	8.98	105	544939	40.87	ng	#	93
24) Nitrobenzene	9.37	77	478962	43.44	ng		95
25) Isophorone	9.89	82	829061	39.73	ng		98
26) 2-Nitrophenol	10.08	139	190473	44.03	ng	#	83
27) 2,4-Dimethylphenol	10.14	122	329623	44.08	ng		93
28) bis(2-Chloroethoxy)methane	10.38	93	479074	41.16	ng		99
29) 2,4-Dichlorophenol	10.63	162	361800	45.36	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	368270	40.29	ng		99
31) Naphthalene	11.03	128	938081	41.48	ng		99
32) Benzoic acid	10.28	122	224580	33.01	ng		99
33) 4-Chloroaniline	11.15	127	137249	12.41	ng		90
34) Hexachlorobutadiene	11.31	225	292141	39.43	ng		95
35) Caprolactam	11.91	113	127996m	39.01	ng		
36) 4-Chloro-3-methylphenol	12.26	107	463900	42.52	ng		99
37) 2-Methylnaphthalene	12.63	142	757118	42.35	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	507970	34.25	ng		99
40) Hexachlorocyclopentadiene	12.97	237	610736	71.53	ng		96
42) 2,4,6-Trichlorophenol	13.24	196	351256	41.20	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	382328	43.67	ng		95
45) 1,1'-Biphenyl	13.64	154	1055610	40.88	ng		99
46) 2-Chloronaphthalene	13.68	162	883575	42.18	ng		96
47) 2-Nitroaniline	13.88	65	374471	41.89	ng		95
48) Acenaphthylene	14.53	152	1330167	42.33	ng		99
49) Dimethylphthalate	14.25	163	1155261	41.09	ng		97
50) 2,6-Dinitrotoluene	14.38	165	266945	42.25	ng		89
51) Acenaphthene	14.87	154	873022	42.51	ng		95
52) 3-Nitroaniline	14.71	138	167863	26.64	ng		86
53) 2,4-Dinitrophenol	14.92	184	289485	66.77	ng		98
54) Dibenzofuran	15.21	168	1406966	45.77	ng		99
55) 4-Nitrophenol	15.02	139	424700	80.42	ng		97
56) 2,4-Dinitrotoluene	15.16	165	404610	43.92	ng		96
57) Fluorene	15.85	166	1148358	43.41	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.43	232	397632	45.40	ng		98
59) Diethylphthalate	15.61	149	1227624	42.91	ng		98
60) 4-Chlorophenyl-phenylether	15.84	204	667332	41.42	ng		100
61) 4-Nitroaniline	15.88	138	268776	39.42	ng	#	86
62) Azobenzene	16.13	77	1374671	50.24	ng		94
64) 4,6-Dinitro-2-methylphenol	15.93	198	242610	38.08	ng		96
65) n-Nitrosodiphenylamine	16.06	169	1069340	43.30	ng		96
66) 4-Bromophenyl-phenylether	16.74	248	464712	41.67	ng		99
67) Hexachlorobenzene	16.86	284	488171	40.26	ng		98
68) Atrazine	17.01	200	471291	43.02	ng		97
69) Pentachlorophenol	17.21	266	608949	77.55	ng		99
70) Phenanthrene	17.61	178	1876997	44.68	ng		97
71) Anthracene	17.70	178	1908006	44.85	ng		99
72) Carbazole	17.97	167	1646535	44.80	ng		99
73) Di-n-butylphthalate	18.51	149	1976335	48.35	ng		99
74) Fluoranthene	19.61	202	2203651	42.75	ng		97
76) Benzidine	19.79	184	1015712	37.02	ng		98
77) Pyrene	19.98	202	2227229	41.41	ng		99
79) Butylbenzylphthalate	20.85	149	992540	46.59	ng		96
80) Benzo(a)anthracene	21.84	228	2374244	44.34	ng		99
81) 3,3'-Dichlorobenzidine	21.76	252	600039	25.53	ng	#	94
82) Chrysene	21.92	228	2209892	43.99	ng		98
83) Bis(2-ethylhexyl)phthalate	21.73	149	1342101	45.37	ng		99
84) Di-n-octyl phthalate	22.99	149	2270569	46.03	ng		98
85) Indeno(1,2,3-cd)pyrene	29.12	276	2820017	44.03	ng	#	100
87) Benzo(b)fluoranthene	24.17	252	2524522	44.64	ng	#	98
88) Benzo(k)fluoranthene	24.24	252	2417272	45.05	ng	#	99
89) Benzo(a)pyrene	25.09	252	2454651	45.28	ng	#	99
90) Dibenzo(a,h)anthracene	29.20	278	2367893	44.01	ng	#	96
91) Benzo(g,h,i)perylene	30.34	276	2304478	42.77	ng	#	93

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

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