Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023005.D
Acq On : 11 Jul 2016 17:58
Operator : UM/SJ
Sample : PB92015BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB92015BS

Manual Integrations APPROVED
sohil
7/12/2016 7:33:49 PM

Quant Time: Jul 12 04:11:13 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	92115	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	426173	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	323687	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	828867	20.00	ng		0.00
75) Chrysene-d12	21.87	240	892137	20.00	ng		0.02
86) Perylene-d12	25.24	264	888773	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	543072	96.42	ng		0.00
7) Phenol-d6	7.31	99	837817	94.98	ng		0.00
23) Nitrobenzene-d5	9.32	82	851815	85.59	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	449129	77.20	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1752119	85.26	ng		0.00
78) Terphenyl-d14	20.16	244	2631822	100.11	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.97	79	266110	35.52	ng		91
4) n-Nitrosodimethylamine	3.88	42	135132	42.05	ng	#	90
6) Aniline	7.47	93	305070	24.95	ng		96
8) 2-Chlorophenol	7.71	128	284410	47.45	ng		99
9) Benzaldehyde	7.28	77	93923	15.93	ng		93
10) Phenol	7.33	94	440085	48.49	ng		92
11) bis(2-Chloroethyl)ether	7.56	93	297553	41.36	ng		99
12) 1,3-Dichlorobenzene	8.04	146	290378	39.58	ng		96
13) 1,4-Dichlorobenzene	8.18	146	302502	41.19	ng		91
14) 1,2-Dichlorobenzene	8.51	146	290218	39.74	ng		95
15) Benzyl Alcohol	8.39	79	381681	47.24	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	359823	40.95	ng		97
17) 2-Methylphenol	8.60	107	286670	48.52	ng		98
18) Hexachloroethane	9.25	117	126839	40.91	ng		95
19) n-Nitroso-di-n-propylamine	8.95	70	306431	38.53	ng		97
20) 3+4-Methylphenols	8.93	107	396420	48.11	ng		95
22) Acetophenone	8.98	105	498263	38.96	ng	#	95
24) Nitrobenzene	9.37	77	456557	43.17	ng		95
25) Isophorone	9.89	82	800306	39.98	ng		98
26) 2-Nitrophenol	10.09	139	172539	41.58	ng		89
27) 2,4-Dimethylphenol	10.14	122	304795	42.49	ng		92
28) bis(2-Chloroethoxy)methane	10.37	93	455864	40.83	ng		97
29) 2,4-Dichlorophenol	10.62	162	352560	46.08	ng		99
30) 1,2,4-Trichlorobenzene	10.84	180	356813	40.70	ng		96
31) Naphthalene	11.03	128	903770	41.66	ng		100
32) Benzoic acid	10.27	122	199277	30.54	ng		89
33) 4-Chloroaniline	11.14	127	206888	19.50	ng		97
34) Hexachlorobutadiene	11.31	225	271254	38.17	ng		96
35) Caprolactam	11.92	113	120643m	38.33	ng		
36) 4-Chloro-3-methylphenol	12.26	107	434075	41.48	ng		96
37) 2-Methylnaphthalene	12.63	142	725460	42.31	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	476574	34.17	ng		97
40) Hexachlorocyclopentadiene	12.97	237	567607	70.69	ng		99
42) 2,4,6-Trichlorophenol	13.24	196	340071	42.42	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	363735	44.18	ng		93
45) 1,1'-Biphenyl	13.63	154	1023709	42.15	ng		100
46) 2-Chloronaphthalene	13.68	162	844482	42.87	ng		98
47) 2-Nitroaniline	13.88	65	367006	43.66	ng		96
48) Acenaphthylene	14.52	152	1270773	43.00	ng		99
49) Dimethylphthalate	14.25	163	1119034	42.32	ng		98
50) 2,6-Dinitrotoluene	14.37	165	259487	43.67	ng		85
51) Acenaphthene	14.87	154	833337	43.15	ng		98
52) 3-Nitroaniline	14.71	138	180359	30.44	ng		97
53) 2,4-Dinitrophenol	14.91	184	296227	72.65	ng		97
54) Dibenzofuran	15.20	168	1359256	47.02	ng		98
55) 4-Nitrophenol	15.02	139	416838	83.93	ng		97
56) 2,4-Dinitrotoluene	15.16	165	390593	45.09	ng		92
57) Fluorene	15.85	166	1104361	44.39	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	387394	47.03	ng	#	98
59) Diethylphthalate	15.61	149	1177839	43.78	ng		97
60) 4-Chlorophenyl-phenylether	15.84	204	647351	42.72	ng		98
61) 4-Nitroaniline	15.88	138	255014	39.77	ng	#	84
62) Azobenzene	16.13	77	1307409	50.81	ng		92
64) 4,6-Dinitro-2-methylphenol	15.93	198	227563	36.94	ng		99
65) n-Nitrosodiphenylamine	16.06	169	1026815	43.00	ng		98
66) 4-Bromophenyl-phenylether	16.74	248	440135	40.81	ng		97
67) Hexachlorobenzene	16.86	284	466886	39.82	ng		98
68) Atrazine	17.00	200	416950	39.36	ng		97
69) Pentachlorophenol	17.21	266	595308	78.40	ng		99
70) Phenanthrene	17.60	178	1809181	44.54	ng		99
71) Anthracene	17.70	178	1827876	44.44	ng		99
72) Carbazole	17.97	167	1590023	44.74	ng		98
73) Di-n-butylphthalate	18.51	149	1896677	47.99	ng		99
74) Fluoranthene	19.61	202	2111776	42.36	ng		98
76) Benzidine	19.79	184	1000613	39.12	ng		99
77) Pyrene	19.97	202	2095083	41.79	ng		98
79) Butylbenzylphthalate	20.85	149	924272	46.55	ng		97
80) Benzo(a)anthracene	21.85	228	2218230	44.44	ng		99
81) 3,3'-Dichlorobenzidine	21.75	252	624229	28.49	ng		98
82) Chrysene	21.92	228	2082260	44.47	ng		97
83) Bis(2-ethylhexyl)phthalate	21.73	149	1264461	45.86	ng		97
84) Di-n-octyl phthalate	22.99	149	2102510	45.72	ng		98
85) Indeno(1,2,3-cd)pyrene	29.12	276	2616740	43.83	ng	#	100
87) Benzo(b)fluoranthene	24.17	252	2359027	46.01	ng	#	98
88) Benzo(k)fluoranthene	24.24	252	2250929	46.26	ng	#	97
89) Benzo(a)pyrene	25.08	252	2284966	46.49	ng	#	97
90) Dibenzo(a,h)anthracene	29.19	278	2170666	44.49	ng	#	97
91) Benzo(g,h,i)perylene	30.33	276	2163725	44.29	ng	#	96

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

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