Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071416\
Data File : BG023098.D
Acq On : 14 Jul 2016 12:50
Operator : UM/SJ
Sample : H3996-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B7-B2(5-12)CMS

Manual Integrations APPROVED
Sohil
7/15/2016 9:14:10 AM

Quant Time: Jul 14 19:05:42 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	107726	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	505676	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	398024	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	927103	20.00	ng		0.00
75) Chrysene-d12	21.86	240	982464	20.00	ng		0.02
86) Perylene-d12	25.24	264	1015993	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	857718	130.22	ng		0.00
7) Phenol-d6	7.31	99	1392971	135.03	ng		0.00
23) Nitrobenzene-d5	9.33	82	1005389	85.13	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	739469	103.37	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1951404	77.22	ng		0.00
78) Terphenyl-d14	20.15	244	2659889	86.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	106669	41.66	ng	#	93
3) Pyridine	3.97	79	265445	30.30	ng		95
4) n-Nitrosodimethylamine	3.88	42	145245	38.64	ng	#	89
6) Aniline	7.47	93	495743	34.67	ng		97
8) 2-Chlorophenol	7.71	128	320512	45.73	ng		99
9) Benzaldehyde	7.29	77	170818	24.78	ng		94
10) Phenol	7.34	94	511118	48.15	ng		95
11) bis(2-Chloroethyl)ether	7.57	93	339075	40.30	ng		93
12) 1,3-Dichlorobenzene	8.04	146	316125	36.84	ng		96
13) 1,4-Dichlorobenzene	8.19	146	327564	38.13	ng		99
14) 1,2-Dichlorobenzene	8.51	146	319593	37.42	ng		97
15) Benzyl Alcohol	8.39	79	447595	47.37	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	429745	41.82	ng		98
17) 2-Methylphenol	8.60	107	316701	45.83	ng		97
18) Hexachloroethane	9.25	117	136574	37.67	ng		97
19) n-Nitroso-di-n-propylamine	8.96	70	380444	40.91	ng		98
20) 3+4-Methylphenols	8.93	107	458653	47.60	ng		97
22) Acetophenone	8.98	105	608706	40.11	ng	#	96
24) Nitrobenzene	9.37	77	542333	43.22	ng		94
25) Isophorone	9.89	82	988519	41.62	ng		96
26) 2-Nitrophenol	10.09	139	218066	44.29	ng		92
27) 2,4-Dimethylphenol	10.14	122	356919	41.93	ng		94
28) bis(2-Chloroethoxy)methane	10.38	93	545805	41.20	ng		99
29) 2,4-Dichlorophenol	10.63	162	411881	45.37	ng		97
30) 1,2,4-Trichlorobenzene	10.84	180	406861	39.11	ng		94
31) Naphthalene	11.03	128	1068333	41.50	ng		99
32) Benzoic acid	10.23	122	53548	6.92	ng		93
33) 4-Chloroaniline	11.14	127	339738	26.99	ng		95
34) Hexachlorobutadiene	11.31	225	299822	35.55	ng		96
35) Caprolactam	11.92	113	139796m	37.43	ng		
36) 4-Chloro-3-methylphenol	12.26	107	520904	41.95	ng		92
37) 2-Methylnaphthalene	12.63	142	857323	42.14	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	551043	32.13	ng		100
40) Hexachlorocyclopentadiene	12.97	237	664540	67.30	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	402801	40.86	ng		97
43) 2,4,5-Trichlorophenol	13.31	196	416837	41.17	ng		99
45) 1,1'-Biphenyl	13.63	154	1177769	39.44	ng		99
46) 2-Chloronaphthalene	13.68	162	989296	40.84	ng		97
47) 2-Nitroaniline	13.88	65	435699	42.15	ng		98
48) Acenaphthylene	14.52	152	1467686	40.39	ng		98
49) Dimethylphthalate	14.25	163	2212307	68.04	ng	#	95
50) 2,6-Dinitrotoluene	14.38	165	298074	40.79	ng		89
51) Acenaphthene	14.87	154	1195310m	50.33	ng		
52) 3-Nitroaniline	14.71	138	240085	32.95	ng		89
53) 2,4-Dinitrophenol	14.91	184	314434	62.71	ng		94
54) Dibenzofuran	15.20	168	1529116	43.02	ng		97
55) 4-Nitrophenol	15.02	139	463427	75.88	ng		96
56) 2,4-Dinitrotoluene	15.16	165	441503	41.45	ng		96
57) Fluorene	15.85	166	1248991	40.82	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.43	232	427821m	42.24	ng		
59) Diethylphthalate	15.61	149	1361111	41.14	ng		96
60) 4-Chlorophenyl-phenylether	15.83	204	720677	38.68	ng		99
61) 4-Nitroaniline	15.88	138	294738	37.38	ng	#	85
62) Azobenzene	16.13	77	1487180	47.00	ng		93
64) 4,6-Dinitro-2-methylphenol	15.93	198	270720	39.29	ng		95
65) n-Nitrosodiphenylamine	16.06	169	1159305	43.40	ng		97
66) 4-Bromophenyl-phenylether	16.73	248	479437	39.75	ng		97
67) Hexachlorobenzene	16.86	284	502106	38.29	ng		99
68) Atrazine	17.00	200	487511	41.15	ng		99
69) Pentachlorophenol	17.20	266	649785	76.51	ng		99
70) Phenanthrene	17.60	178	1902954	41.88	ng		97
71) Anthracene	17.69	178	1939339	42.15	ng		98
72) Carbazole	17.96	167	1692085	42.56	ng		98
73) Di-n-butylphthalate	18.50	149	2008370	45.43	ng		100
74) Fluoranthene	19.61	202	2179792	39.09	ng		98
76) Benzidine	19.78	184	1404282	49.86	ng		99
77) Pyrene	19.97	202	2189415	39.66	ng		98
79) Butylbenzylphthalate	20.84	149	998908	45.68	ng		97
80) Benzo(a)anthracene	21.84	228	2325389	42.31	ng		99
81) 3,3'-Dichlorobenzidine	21.75	252	735644	30.49	ng		99
82) Chrysene	21.91	228	2188380	42.44	ng		96
83) Bis(2-ethylhexyl)phthalate	21.72	149	1393175	45.88	ng		98
84) Di-n-octyl phthalate	22.99	149	2297576	45.37	ng		100
85) Indeno(1,2,3-cd)pyrene	29.10	276	2677441	40.73	ng	#	100
87) Benzo(b)fluoranthene	24.17	252	2431498	41.48	ng	#	98
88) Benzo(k)fluoranthene	24.24	252	2386417	42.90	ng	#	95
89) Benzo(a)pyrene	25.08	252	2414329	42.97	ng	#	99
90) Dibenzo(a,h)anthracene	29.17	278	2254437	40.43	ng	#	95
91) Benzo(g,h,i)perylene	30.33	276	2150408	38.50	ng	#	96

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

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