Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
Data File : BG025784.D
Acq On : 3 Feb 2017 8:03
Operator : SJ/MA
Sample : PB96669BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB96669BS

Manual Integrations APPROVED
mohammad
2/3/2017 1:58:30 PM

Quant Time: Feb 03 10:50:31 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 18:29:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	72234	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	308146	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	257499	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	608264	20.00	ng		0.00
75) Chrysene-d12	21.83	240	781615	20.00	ng		0.00
86) Perylene-d12	25.21	264	799244	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	327678	81.30	ng		0.00
7) Phenol-d6	7.32	99	497368	84.49	ng		0.00
23) Nitrobenzene-d5	9.35	82	622942	85.42	ng		0.00
41) 2,4,6-Tribromophenol	16.28	330	255606	69.60	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1295120	81.69	ng		0.00
78) Terphenyl-d14	20.12	244	2481958	76.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	61024	33.40	ng		97
3) Pyridine	3.95	79	185324	37.38	ng		90
4) n-Nitrosodimethylamine	3.87	42	129446	45.38	ng		84
6) Aniline	7.49	93	98817	11.91	ng		95
8) 2-Chlorophenol	7.73	128	217491	47.54	ng		98
9) Benzaldehyde	7.31	77	135008	27.03	ng		95
10) Phenol	7.35	94	314515	47.54	ng		99
11) bis(2-Chloroethyl)ether	7.58	93	220736	42.20	ng		92
12) 1,3-Dichlorobenzene	8.05	146	220146	39.35	ng		97
13) 1,4-Dichlorobenzene	8.20	146	223547	39.30	ng		94
14) 1,2-Dichlorobenzene	8.52	146	219282	40.23	ng		99
15) Benzyl Alcohol	8.42	79	232471	45.67	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.69	45	437511	41.42	ng		99
17) 2-Methylphenol	8.62	107	199966	44.25	ng		94
18) Hexachloroethane	9.25	117	89706	38.73	ng	#	88
19) n-Nitroso-di-n-propylamine	8.96	70	214968	41.38	ng		98
20) 3+4-Methylphenols	8.95	107	277918	45.06	ng		94
22) Acetophenone	9.00	105	338874	40.17	ng	#	100
24) Nitrobenzene	9.39	77	323584	40.63	ng		98
25) Isophorone	9.90	82	558288	39.29	ng		99
26) 2-Nitrophenol	10.11	139	124325	44.06	ng		94
27) 2,4-Dimethylphenol	10.16	122	237571	48.34	ng		92
28) bis(2-Chloroethoxy)methane	10.38	93	318220	42.31	ng		97
29) 2,4-Dichlorophenol	10.66	162	239345	47.46	ng		99
30) 1,2,4-Trichlorobenzene	10.85	180	241090	41.10	ng		98
31) Naphthalene	11.04	128	657607	41.11	ng		98
32) Benzoic acid	10.32	122	109034	36.54	ng		95
33) 4-Chloroaniline	11.18	127	52657	7.92	ng		93
34) Hexachlorobutadiene	11.30	225	180796	37.88	ng		95
35) Caprolactam	11.94	113	89269m	41.54	ng		
36) 4-Chloro-3-methylphenol	12.28	107	289137	47.06	ng		99
37) 2-Methylnaphthalene	12.64	142	523855	42.41	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	314793	36.50	ng		98
40) Hexachlorocyclopentadiene	12.96	237	226562	69.61	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.25	196	213040	42.20	ng		99
43) 2,4,5-Trichlorophenol	13.33	196	220143	40.39	ng		97
45) 1,1'-Biphenyl	13.63	154	718027	40.08	ng		96
46) 2-Chloronaphthalene	13.68	162	567378	40.33	ng		97
47) 2-Nitroaniline	13.90	65	249393	41.19	ng		96
48) Acenaphthylene	14.52	152	903008	38.59	ng		97
49) Dimethylphthalate	14.24	163	768827	39.65	ng		97
50) 2,6-Dinitrotoluene	14.38	165	174706	39.79	ng		94
51) Acenaphthene	14.86	154	575353	39.79	ng		99
52) 3-Nitroaniline	14.73	138	36892	8.91	ng		89
53) 2,4-Dinitrophenol	14.95	184	207102	78.97	ng	#	87
54) Dibenzofuran	15.19	168	951041	43.53	ng		96
55) 4-Nitrophenol	15.05	139	258871	80.80	ng		91
56) 2,4-Dinitrotoluene	15.19	165	264297	41.14	ng	#	78
57) Fluorene	15.84	166	779429	40.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	225136	44.21	ng		99
59) Diethylphthalate	15.58	149	822774	40.02	ng		98
60) 4-Chlorophenyl-phenylether	15.82	204	421582	40.06	ng		93
61) 4-Nitroaniline	15.89	138	163916	39.42	ng		92
62) Azobenzene	16.11	77	971667	46.45	ng		96
64) 4,6-Dinitro-2-methylphenol	15.95	198	168336	38.94	ng		81
65) n-Nitrosodiphenylamine	16.04	169	723684	41.44	ng		99
66) 4-Bromophenyl-phenylether	16.71	248	292620	39.56	ng		90
67) Hexachlorobenzene	16.84	284	328945	39.54	ng		94
68) Atrazine	16.98	200	308724	35.82	ng		98
69) Pentachlorophenol	17.20	266	287460	78.64	ng		100
70) Phenanthrene	17.59	178	1382138	41.82	ng		97
71) Anthracene	17.68	178	1427053	41.87	ng		98
72) Carbazole	17.95	167	1310193	39.69	ng		97
73) Di-n-butylphthalate	18.46	149	1557651	40.78	ng		97
74) Fluoranthene	19.59	202	1810570	39.97	ng		98
76) Benzidine	19.76	184	451721	16.83	ng		97
77) Pyrene	19.95	202	1802822	41.40	ng		99
79) Butylbenzylphthalate	20.80	149	787555	43.57	ng		96
80) Benzo(a)anthracene	21.81	228	1917942	41.43	ng		97
81) 3,3'-Dichlorobenzidine	21.71	252	327329	18.02	ng		98
82) Chrysene	21.88	228	1747388	39.94	ng		99
83) Bis(2-ethylhexyl)phthalate	21.65	149	1100059	43.69	ng		97
84) Di-n-octyl phthalate	22.89	149	1847377	45.17	ng		99
85) Indeno(1,2,3-cd)pyrene	29.12	276	2273905	42.63	ng	#	93
87) Benzo(b)fluoranthene	24.13	252	1920936m	41.58	ng		
88) Benzo(k)fluoranthene	24.20	252	1906785	42.17	ng		94
89) Benzo(a)pyrene	25.05	252	1882921	42.85	ng	#	97
90) Dibenzo(a,h)anthracene	29.15	278	1898887	41.79	ng	#	95
91) Benzo(g,h,i)perylene	30.34	276	1890657	41.87	ng	#	96

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

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