Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016979.D
Acq On : 9 May 2015 6:29
Operator : TP/IZ
Sample : G2059-02MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWHR3-14MS

Manual Integrations APPROVED
apatel
5/12/2015 8:30:13 AM

Quant Time: May 11 01:46:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	52530	20.00	ng		-0.01
21) Naphthalene-d8	10.58	136	244071	20.00	ng		-0.01
38) Acenaphthene-d10	14.43	164	170783	20.00	ng		-0.01
63) Phenanthrene-d10	17.18	188	398121	20.00	ng		-0.01
75) Chrysene-d12	21.35	240	382843	20.00	ng		-0.02
86) Perylene-d12	23.65	264	372248	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	232942	77.21	ng		-0.01
7) Phenol-d6	6.96	99	209586	48.63	ng		0.00
23) Nitrobenzene-d5	8.95	82	457774	91.63	ng		-0.01
41) 2,4,6-Tribromophenol	15.92	330	292660	170.70	ng		-0.01
44) 2-Fluorobiphenyl	13.05	172	971455	85.84	ng		-0.02
78) Terphenyl-d14	19.80	244	1541377	94.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	21981	17.39	ng	#	1
3) Pyridine	3.68	79	53891	13.79	ng		96
4) n-Nitrosodimethylamine	3.60	42	45990	19.71	ng	#	94
6) Aniline	7.12	93	89846	14.85	ng		97
8) 2-Chlorophenol	7.36	128	146565	41.94	ng		98
9) Benzaldehyde	6.93	77	15500	4.30	ng		97
10) Phenol	6.99	94	75997	16.44	ng		97
11) bis(2-Chloroethyl)ether	7.22	93	165441	46.29	ng		97
12) 1,3-Dichlorobenzene	7.68	146	152186	39.49	ng		97
13) 1,4-Dichlorobenzene	7.83	146	154742	39.64	ng		99
14) 1,2-Dichlorobenzene	8.15	146	149320	39.86	ng		96
15) Benzyl Alcohol	8.03	79	120061	30.50	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.33	45	282517	42.71	ng		99
17) 2-Methylphenol	8.23	107	113167	34.77	ng		95
18) Hexachloroethane	8.87	117	62538	38.97	ng		94
19) n-Nitroso-di-n-propylamine	8.60	70	161093	42.63	ng		99
20) 3+4-Methylphenols	8.56	107	144855	32.30	ng		94
22) Acetophenone	8.61	105	271175	46.65	ng		97
24) Nitrobenzene	8.99	77	231186	45.82	ng		98
25) Isophorone	9.51	82	433586	42.98	ng		99
26) 2-Nitrophenol	9.70	139	99619	48.49	ng		96
27) 2,4-Dimethylphenol	9.76	122	163799	44.06	ng		97
28) bis(2-Chloroethoxy)methane	10.00	93	232175	45.60	ng		96
29) 2,4-Dichlorophenol	10.23	162	167819	47.78	ng		98
30) 1,2,4-Trichlorobenzene	10.45	180	157165	42.20	ng		97
31) Naphthalene	10.64	128	523918	43.16	ng		98
32) Benzoic acid	9.84	122	32906	18.50	ng		86
33) 4-Chloroaniline	10.74	127	77702	13.86	ng		97
34) Hexachlorobutadiene	10.92	225	89924	38.58	ng		97
35) Caprolactam	11.52	113	14335m	7.86	ng		
36) 4-Chloro-3-methylphenol	11.87	107	218779	48.65	ng		94
37) 2-Methylnaphthalene	12.25	142	420949	45.53	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	195433	42.33	ng	#	100
40) Hexachlorocyclopentadiene	12.60	237	214757	72.03	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	147851	45.19	ng		95
43) 2,4,5-Trichlorophenol	12.93	196	169084	48.69	ng		99
45) 1,1'-Biphenyl	13.26	154	553954	45.30	ng		97
46) 2-Chloronaphthalene	13.30	162	429578	44.35	ng		95
47) 2-Nitroaniline	13.51	65	189679	56.27	ng		95
48) Acenaphthylene	14.15	152	751592	44.56	ng		99
49) Dimethylphthalate	13.89	163	604793	47.43	ng		100
50) 2,6-Dinitrotoluene	14.01	165	144094	54.42	ng		94
51) Acenaphthene	14.50	154	449025	44.73	ng		97
52) 3-Nitroaniline	14.34	138	62965	20.90	ng		90
53) 2,4-Dinitrophenol	14.54	184	149264	123.25	ng		92
54) Dibenzofuran	14.83	168	691156	48.49	ng		95
55) 4-Nitrophenol	14.65	139	107861	42.23	ng		94
56) 2,4-Dinitrotoluene	14.80	165	203556	60.09	ng		98
57) Fluorene	15.48	166	611636	48.47	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.06	232	153258	51.14	ng	#	76
59) Diethylphthalate	15.26	149	656393	48.76	ng		99
60) 4-Chlorophenyl-phenylether	15.47	204	303224	47.83	ng		98
61) 4-Nitroaniline	15.50	138	157314	45.05	ng		95
62) Azobenzene	15.77	77	709550	50.89	ng		97
64) 4,6-Dinitro-2-methylphenol	15.55	198	106609	54.01	ng		89
65) n-Nitrosodiphenylamine	15.69	169	544037	44.77	ng		97
66) 4-Bromophenyl-phenylether	16.37	248	188394	47.15	ng		96
67) Hexachlorobenzene	16.48	284	195341	46.36	ng		97
68) Atrazine	16.64	200	216319	49.46	ng		96
69) Pentachlorophenol	16.82	266	258659	94.54	ng		94
70) Phenanthrene	17.22	178	943719	46.06	ng		100
71) Anthracene	17.31	178	951909	46.05	ng		99
72) Carbazole	17.58	167	926270	47.14	ng		99
73) Di-n-butylphthalate	18.15	149	1173152	46.05	ng		99
74) Fluoranthene	19.23	202	1083215	45.57	ng		99
76) Benzidine	19.41	184	323413	24.86	ng		99
77) Pyrene	19.59	202	1099568	48.66	ng		99
79) Butylbenzylphthalate	20.49	149	526872	49.06	ng		100
80) Benzo(a)anthracene	21.34	228	1012808	49.31	ng		99
81) 3,3'-Dichlorobenzidine	21.27	252	201512	25.13	ng		98
82) Chrysene	21.39	228	949974	49.38	ng		97
83) Bis(2-ethylhexyl)phthalate	21.27	149	716661	48.79	ng		97
84) Di-n-octyl phthalate	22.16	149	1187410	48.12	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.00	276	1125134	49.08	ng	#	100
87) Benzo(b)fluoranthene	22.95	252	1032398	49.78	ng		97
88) Benzo(k)fluoranthene	23.00	252	951830	47.71	ng		100
89) Benzo(a)pyrene	23.55	252	962771	49.79	ng		99
90) Dibenzo(a,h)anthracene	26.02	278	967428	48.98	ng		97
91) Benzo(g,h,i)perylene	26.74	276	918940	48.86	ng		99

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

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