Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021680.D
Acq On : 15 Apr 2016 10:03
Operator : UM/SJ
Sample : PB89789BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB89789BS

Manual Integrations APPROVED
Sohil
4/15/2016 4:44:57 PM

Quant Time: Apr 15 15:04:55 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	34385	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	156747	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	102857	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	234114	20.00	ng		0.00
75) Chrysene-d12	21.83	240	263276	20.00	ng		0.00
86) Perylene-d12	25.16	264	252073	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.77	112	179741	87.05	ng		0.01
7) Phenol-d6	7.37	99	269121	87.25	ng		0.01
23) Nitrobenzene-d5	9.38	82	235588	77.25	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	98395	88.76	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	559376	79.68	ng		0.00
78) Terphenyl-d14	20.14	244	822210	77.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	25798	28.07	ng		89
3) Pyridine	4.04	79	80877	29.32	ng		93
4) n-Nitrosodimethylamine	3.95	42	45542	33.32	ng	#	77
6) Aniline	7.54	93	75110	18.41	ng		95
8) 2-Chlorophenol	7.78	128	100822	40.73	ng		95
9) Benzaldehyde	7.35	77	16310	9.14	ng		85
10) Phenol	7.39	94	141210	42.57	ng		98
11) bis(2-Chloroethyl)ether	7.63	93	95541	35.98	ng		93
12) 1,3-Dichlorobenzene	8.10	146	98970	35.80	ng		97
13) 1,4-Dichlorobenzene	8.25	146	99132	35.22	ng		94
14) 1,2-Dichlorobenzene	8.57	146	97121	35.97	ng		97
15) Benzyl Alcohol	8.45	79	102977	43.69	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.74	45	189061	33.24	ng		98
17) 2-Methylphenol	8.65	107	97625	42.56	ng		93
18) Hexachloroethane	9.31	117	36500	35.63	ng	#	78
19) n-Nitroso-di-n-propylamine	9.02	70	87625	36.56	ng		93
20) 3+4-Methylphenols	8.98	107	135001	43.01	ng		98
22) Acetophenone	9.04	105	153987	35.27	ng	#	99
24) Nitrobenzene	9.42	77	121742	37.28	ng		96
25) Isophorone	9.95	82	239059	35.82	ng		98
26) 2-Nitrophenol	10.14	139	53713	43.09	ng		95
27) 2,4-Dimethylphenol	10.19	122	111192	39.27	ng		98
28) bis(2-Chloroethoxy)methane	10.42	93	141519	39.90	ng		91
29) 2,4-Dichlorophenol	10.67	162	110636	45.83	ng		97
30) 1,2,4-Trichlorobenzene	10.89	180	99142	38.19	ng		93
31) Naphthalene	11.08	128	317428	37.84	ng	#	96
32) Benzoic acid	10.31	122	68703	43.74	ng		96
33) 4-Chloroaniline	11.19	127	41109	11.32	ng		98
34) Hexachlorobutadiene	11.36	225	62103	37.09	ng		95
35) Caprolactam	11.96	113	42091m	38.10	ng		
36) 4-Chloro-3-methylphenol	12.29	107	133563	43.99	ng		94
37) 2-Methylnaphthalene	12.67	142	240096	41.69	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	119312	37.12	ng	#	98
40) Hexachlorocyclopentadiene	13.01	237	154649	86.61	ng		99

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Quant Time: Apr 15 15:04:55 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	90333	44.07	ng		95
43) 2,4,5-Trichlorophenol	13.34	196	99792	45.12	ng		96
45) 1,1'-Biphenyl	13.66	154	320862	37.03	ng		97
46) 2-Chloronaphthalene	13.71	162	248431	38.77	ng		99
47) 2-Nitroaniline	13.91	65	94831	43.17	ng		98
48) Acenaphthylene	14.55	152	414498	39.13	ng		98
49) Dimethylphthalate	14.27	163	339042	38.12	ng		99
50) 2,6-Dinitrotoluene	14.40	165	74658	44.03	ng		98
51) Acenaphthene	14.88	154	291692	43.07	ng		97
52) 3-Nitroaniline	14.72	138	40966	21.78	ng		100
53) 2,4-Dinitrophenol	14.92	184	60710	91.85	ng		92
54) Dibenzofuran	15.22	168	407129	44.03	ng		99
55) 4-Nitrophenol	15.02	139	131373	81.58	ng		96
56) 2,4-Dinitrotoluene	15.17	165	104679	45.67	ng		100
57) Fluorene	15.86	166	332166	40.22	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	90125	49.11	ng		99
59) Diethylphthalate	15.62	149	353400	38.07	ng		97
60) 4-Chlorophenyl-phenylether	15.85	204	162574	39.97	ng		98
61) 4-Nitroaniline	15.88	138	80155	38.73	ng		97
62) Azobenzene	16.14	77	342407	43.04	ng		99
64) 4,6-Dinitro-2-methylphenol	15.93	198	45029	46.39	ng		99
65) n-Nitrosodiphenylamine	16.06	169	296281	42.20	ng		96
66) 4-Bromophenyl-phenylether	16.75	248	106416	42.43	ng		95
67) Hexachlorobenzene	16.86	284	110575	41.76	ng		96
68) Atrazine	17.00	200	96603	34.84	ng		99
69) Pentachlorophenol	17.20	266	131398	86.92	ng		95
70) Phenanthrene	17.60	178	525545	40.73	ng		99
71) Anthracene	17.69	178	530036	40.47	ng		98
72) Carbazole	17.96	167	481399	39.38	ng		98
73) Di-n-butylphthalate	18.50	149	593175	38.14	ng		98
74) Fluoranthene	19.60	202	595893	38.68	ng		100
76) Benzidine	19.77	184	154738	18.88	ng		97
77) Pyrene	19.95	202	613344	40.40	ng		99
79) Butylbenzylphthalate	20.82	149	283411	40.22	ng		98
80) Benzo(a)anthracene	21.81	228	614196	40.54	ng		98
81) 3,3'-Dichlorobenzidine	21.72	252	116517	9.72	ng		99
82) Chrysene	21.88	228	563822	38.73	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	404046	39.20	ng		100
84) Di-n-octyl phthalate	22.95	149	702398	40.68	ng		99
85) Indeno(1,2,3-cd)pyrene	28.97	276	699663	40.43	ng	#	91
87) Benzo(b)fluoranthene	24.10	252	611273	41.79	ng		99
88) Benzo(k)fluoranthene	24.17	252	596347	41.70	ng		100
89) Benzo(a)pyrene	25.00	252	592216	41.79	ng		98
90) Dibenzo(a,h)anthracene	29.04	278	589596	41.50	ng		99
91) Benzo(g,h,i)perylene	30.17	276	572830	41.08	ng		96

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

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