Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041217\
Data File : BG026638.D
Acq On : 12 Apr 2017 16:35
Operator : SJ/MA
Sample : PB98209BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB98209BS

Quant Time: Apr 13 01:52:53 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	148506	20.00	ng		-0.02
21) Naphthalene-d8	10.83	136	604951	20.00	ng		-0.02
38) Acenaphthene-d10	14.64	164	383199	20.00	ng		-0.02
63) Phenanthrene-d10	17.37	188	1018069	20.00	ng		-0.02
75) Chrysene-d12	21.62	240	1209249	20.00	ng		-0.02
86) Perylene-d12	24.79	264	1223562	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1122987	134.22	ng		0.00
7) Phenol-d6	7.19	99	1444516	128.60	ng		-0.02
23) Nitrobenzene-d5	9.19	82	746614	74.21	ng		-0.02
41) 2,4,6-Tribromophenol	16.12	330	706463	160.99	ng		-0.02
44) 2-Fluorobiphenyl	13.27	172	2132775	78.05	ng		-0.02
78) Terphenyl-d14	19.97	244	3429922	68.88	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	126298	33.63	ng	#	69
3) Pyridine	3.88	79	309869	30.13	ng	#	62
4) n-Nitrosodimethylamine	3.80	42	111623	39.71	ng	#	1
6) Aniline	7.36	93	325415	21.69	ng	#	84
8) 2-Chlorophenol	7.60	128	432380	45.89	ng	#	78
9) Benzaldehyde	7.16	77	106444	14.04	ng	#	67
10) Phenol	7.22	94	527624	44.02	ng	#	70
11) bis(2-Chloroethyl)ether	7.44	93	383084	38.97	ng	#	78
12) 1,3-Dichlorobenzene	7.92	146	472727	42.15	ng	#	84
13) 1,4-Dichlorobenzene	8.07	146	473526	41.74	ng	#	93
14) 1,2-Dichlorobenzene	8.38	146	451440	41.58	ng	#	91
15) Benzyl Alcohol	8.27	79	276775	37.58	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	8.56	45	357967	32.79	ng		81
17) 2-Methylphenol	8.47	107	369902	43.45	ng	#	81
18) Hexachloroethane	9.11	117	148632	40.06	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	262891	36.41	ng	#	71
20) 3+4-Methylphenols	8.80	107	509493	43.47	ng		86
22) Acetophenone	8.85	105	577686	41.53	ng	#	73
24) Nitrobenzene	9.23	77	394929	39.76	ng	#	70
25) Isophorone	9.75	82	758932	40.02	ng	#	91
26) 2-Nitrophenol	9.94	139	240355	46.50	ng	#	61
27) 2,4-Dimethylphenol	10.00	122	414924	48.90	ng		85
28) bis(2-Chloroethoxy)methane	10.23	93	504772	40.98	ng	#	98
29) 2,4-Dichlorophenol	10.48	162	439059	51.17	ng		92
30) 1,2,4-Trichlorobenzene	10.69	180	443556	46.02	ng		97
31) Naphthalene	10.88	128	1278953	41.81	ng		99
32) Benzoic acid	10.13	122	224411	34.37	ng	#	71
33) 4-Chloroaniline	11.01	127	51616	4.15	ng	#	75
34) Hexachlorobutadiene	11.17	225	251476	44.22	ng		98
35) Caprolactam	11.75	113	175780m	51.99	ng		
36) 4-Chloro-3-methylphenol	12.11	107	446523	48.65	ng	#	75
37) 2-Methylnaphthalene	12.48	142	1004297	44.83	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	475471	41.24	ng		98
40) Hexachlorocyclopentadiene	12.83	237	549617	90.56	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	362088	47.97	ng		98
43) 2,4,5-Trichlorophenol	13.16	196	396886	47.56	ng	#	90
45) 1,1'-Biphenyl	13.48	154	1303459	41.07	ng		96
46) 2-Chloronaphthalene	13.52	162	987713	42.61	ng		97
47) 2-Nitroaniline	13.72	65	271731	41.23	ng	#	49
48) Acenaphthylene	14.37	152	1673779	41.43	ng		98
49) Dimethylphthalate	14.09	163	1378481	47.66	ng		99
50) 2,6-Dinitrotoluene	14.21	165	327253	48.48	ng	#	56
51) Acenaphthene	14.71	154	1047667	42.11	ng		99
52) 3-Nitroaniline	14.54	138	131289	17.66	ng	#	65
53) 2,4-Dinitrophenol	14.75	184	409361	104.54	ng	#	75
54) Dibenzofuran	15.04	168	1640108	46.82	ng	#	89
55) 4-Nitrophenol	14.85	139	606916	99.71	ng	#	39
56) 2,4-Dinitrotoluene	15.00	165	485187	51.10	ng	#	67
57) Fluorene	15.68	166	1394896	44.74	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.26	232	389279	53.49	ng	#	95
59) Diethylphthalate	15.45	149	1411550	47.75	ng		97
60) 4-Chlorophenyl-phenylether	15.67	204	684811	46.35	ng		89
61) 4-Nitroaniline	15.70	138	373543	47.51	ng	#	52
62) Azobenzene	15.96	77	1084211	45.11	ng		77
64) 4,6-Dinitro-2-methylphenol	15.76	198	312219	48.64	ng		84
65) n-Nitrosodiphenylamine	15.89	169	1268838	42.47	ng		97
66) 4-Bromophenyl-phenylether	16.56	248	477438	45.56	ng		94
67) Hexachlorobenzene	16.69	284	514148	46.00	ng		90
68) Atrazine	16.83	200	487037	43.06	ng		97
69) Pentachlorophenol	17.03	266	629107	86.56	ng		95
70) Phenanthrene	17.42	178	2276898	41.65	ng		99
71) Anthracene	17.50	178	2372566	42.54	ng		98
72) Carbazole	17.77	167	2327492	40.53	ng		97
73) Di-n-butylphthalate	18.32	149	2562192	43.42	ng	#	95
74) Fluoranthene	19.42	202	2773236	43.14	ng		98
76) Benzidine	19.61	184	87488	2.10	ng	#	94
77) Pyrene	19.78	202	2846348	40.65	ng		97
79) Butylbenzylphthalate	20.65	149	1232103	43.98	ng	#	83
80) Benzo(a)anthracene	21.60	228	2829638	41.58	ng		98
81) 3,3'-Dichlorobenzidine	21.51	252	800429	28.73	ng	#	98
82) Chrysene	21.67	228	2629181	40.44	ng		98
83) Bis(2-ethylhexyl)phthalate	21.50	149	1769306	41.81	ng		95
84) Di-n-octyl phthalate	22.69	149	2997125	41.50	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.41	276	3708127	46.19	ng	#	88
87) Benzo(b)fluoranthene	23.79	252	3081772	42.73	ng	#	96
88) Benzo(k)fluoranthene	23.85	252	2999746	42.89	ng	#	97
89) Benzo(a)pyrene	24.65	252	3011439	43.53	ng	#	97
90) Dibenzo(a,h)anthracene	28.47	278	3105798	44.42	ng	#	94
91) Benzo(g,h,i)perylene	29.54	276	3075596	43.66	ng	#	89

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

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