Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110216\
Data File : BG024634.D
Acq On : 2 Nov 2016 20:37
Operator : UM/SJ
Sample : PB94494BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB94494BS

Quant Time: Nov 03 03:21:40 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	125359	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	472559	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	349067	20.00	ng		0.00
63) Phenanthrene-d10	17.62	188	764594	20.00	ng		0.00
75) Chrysene-d12	21.92	240	1019432	20.00	ng		0.00
86) Perylene-d12	25.35	264	1092873	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	951436	124.39	ng		0.00
7) Phenol-d6	7.40	99	1308996	124.76	ng		0.00
23) Nitrobenzene-d5	9.44	82	909242	87.60	ng		0.00
41) 2,4,6-Tribromophenol	16.36	330	688542	132.03	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1820566	86.69	ng		0.00
78) Terphenyl-d14	20.21	244	2957131	86.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	96840	30.99	ng		93
3) Pyridine	4.07	79	306268	32.73	ng		90
4) n-Nitrosodimethylamine	3.99	42	174665	36.06	ng		86
6) Aniline	7.59	93	424214	31.92	ng		98
8) 2-Chlorophenol	7.83	128	322744	41.50	ng		93
9) Benzaldehyde	7.40	77	57490	8.87	ng		97
10) Phenol	7.43	94	464635	42.96	ng		89
11) bis(2-Chloroethyl)ether	7.68	93	326159	40.14	ng		88
12) 1,3-Dichlorobenzene	8.16	146	360656	37.46	ng		96
13) 1,4-Dichlorobenzene	8.30	146	373393	39.27	ng		99
14) 1,2-Dichlorobenzene	8.63	146	348724	38.14	ng		93
15) Benzyl Alcohol	8.50	79	380712	39.01	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.79	45	542363	35.98	ng		94
17) 2-Methylphenol	8.70	107	296563	41.38	ng		94
18) Hexachloroethane	9.36	117	143500	39.26	ng		84
19) n-Nitroso-di-n-propylamine	9.07	70	301856	39.04	ng		91
20) 3+4-Methylphenols	9.02	107	410625	42.68	ng		98
22) Acetophenone	9.10	105	512498	42.22	ng	#	91
24) Nitrobenzene	9.49	77	465874	40.35	ng		95
25) Isophorone	10.00	82	799945	41.43	ng		98
26) 2-Nitrophenol	10.20	139	182724	42.64	ng		94
27) 2,4-Dimethylphenol	10.24	122	334344	44.56	ng		95
28) bis(2-Chloroethoxy)methane	10.48	93	450578	45.11	ng	#	98
29) 2,4-Dichlorophenol	10.73	162	346089	43.95	ng		94
30) 1,2,4-Trichlorobenzene	10.95	180	398215	42.63	ng		98
31) Naphthalene	11.15	128	937759	39.78	ng		97
32) Benzoic acid	10.35	122	148492	23.77	ng		95
33) 4-Chloroaniline	11.25	127	277148	27.08	ng		93
34) Hexachlorobutadiene	11.41	225	301139	41.19	ng		94
35) Caprolactam	12.01	113	121925m	42.29	ng		
36) 4-Chloro-3-methylphenol	12.34	107	395491	41.60	ng		92
37) 2-Methylnaphthalene	12.73	142	694699	40.39	ng		100
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	488755	41.51	ng		98
40) Hexachlorocyclopentadiene	13.06	237	682048	102.87	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	308128	43.54	ng		99
43) 2,4,5-Trichlorophenol	13.39	196	326243	42.64	ng		99
45) 1,1'-Biphenyl	13.72	154	975603	40.28	ng		95
46) 2-Chloronaphthalene	13.77	162	798969	43.32	ng		94
47) 2-Nitroaniline	13.97	65	309057	40.92	ng		99
48) Acenaphthylene	14.61	152	1156925	40.90	ng		99
49) Dimethylphthalate	14.33	163	1041980	42.05	ng		98
50) 2,6-Dinitrotoluene	14.46	165	236252	44.66	ng		91
51) Acenaphthene	14.95	154	787190	37.33	ng		97
52) 3-Nitroaniline	14.79	138	172513	31.51	ng		98
53) 2,4-Dinitrophenol	14.99	184	250011	65.21	ng		96
54) Dibenzofuran	15.28	168	1227765	42.11	ng		96
55) 4-Nitrophenol	15.08	139	382921	80.28	ng	#	83
56) 2,4-Dinitrotoluene	15.24	165	342616	44.57	ng	#	90
57) Fluorene	15.92	166	989675	40.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	343970	43.36	ng		94
59) Diethylphthalate	15.68	149	1031735	39.71	ng		99
60) 4-Chlorophenyl-phenylether	15.91	204	570017	42.02	ng		92
62) Azobenzene	16.20	77	1085448	41.89	ng		95
64) 4,6-Dinitro-2-methylphenol	15.99	198	202038	38.35	ng		90
65) n-Nitrosodiphenylamine	16.12	169	913769	43.72	ng		97
66) 4-Bromophenyl-phenylether	16.81	248	406278	43.77	ng		92
67) Hexachlorobenzene	16.92	284	451299	44.00	ng	#	87
68) Atrazine	17.06	200	393759	43.92	ng		97
69) Pentachlorophenol	17.27	266	513970	75.94	ng		97
70) Phenanthrene	17.67	178	1643342	42.17	ng		98
71) Anthracene	17.76	178	1689979	42.98	ng		98
72) Carbazole	18.03	167	1485609	41.43	ng		98
73) Di-n-butylphthalate	18.56	149	1704244	41.22	ng		97
74) Fluoranthene	19.66	202	2091289	42.45	ng		97
76) Benzidine	19.84	184	1082004	45.05	ng		99
77) Pyrene	20.03	202	2124174	42.62	ng		99
79) Butylbenzylphthalate	20.88	149	892330	42.95	ng		100
80) Benzo(a)anthracene	21.90	228	2423402	43.27	ng		99
81) 3,3'-Dichlorobenzidine	21.81	252	705827	31.24	ng	#	97
82) Chrysene	21.97	228	2266592	42.50	ng		99
83) Bis(2-ethylhexyl)phthalate	21.76	149	1258636	42.35	ng		99
84) Di-n-octyl phthalate	23.03	149	2174928	44.10	ng	#	93
85) Indeno(1,2,3-cd)pyrene	29.30	276	3110676	42.25	ng	#	98
87) Benzo(b)fluoranthene	24.25	252	2523111	42.71	ng		99
88) Benzo(k)fluoranthene	24.33	252	2470360	43.30	ng		98
89) Benzo(a)pyrene	25.19	252	2441966	42.30	ng		98
90) Dibenzo(a,h)anthracene	29.36	278	2623995	41.42	ng		97
91) Benzo(g,h,i)perylene	30.53	276	2571607	40.63	ng		99

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

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