Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110216\
Data File : BG024639.D
Acq On : 2 Nov 2016 23:51
Operator : UM/SJ
Sample : H5491-11MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-71-7.7-14.0MS

Quant Time: Nov 03 03:31:16 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	112149	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	438944	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	314604	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	703583	20.00	ng		0.00
75) Chrysene-d12	21.92	240	1019209	20.00	ng		0.00
86) Perylene-d12	25.35	264	1074863	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	406437	59.40	ng		0.00
7) Phenol-d6	7.40	99	419200	44.66	ng		0.00
23) Nitrobenzene-d5	9.44	82	684500	71.00	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	510676	108.65	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1416413	74.83	ng		0.00
78) Terphenyl-d14	20.21	244	2537777	74.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	59330	21.22	ng		98
3) Pyridine	4.07	79	166540	19.90	ng		88
4) n-Nitrosodimethylamine	3.99	42	103723	23.94	ng	#	83
6) Aniline	7.59	93	402483	33.85	ng		97
8) 2-Chlorophenol	7.83	128	259592	37.31	ng		96
9) Benzaldehyde	7.40	77	84766	14.61	ng		96
10) Phenol	7.43	94	202830	20.96	ng		88
11) bis(2-Chloroethyl)ether	7.67	93	331552	45.61	ng		92
12) 1,3-Dichlorobenzene	8.16	146	370000	42.96	ng		97
13) 1,4-Dichlorobenzene	8.30	146	380716	44.75	ng		99
14) 1,2-Dichlorobenzene	8.63	146	362388	44.31	ng		96
15) Benzyl Alcohol	8.50	79	294153	33.69	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.80	45	554462	41.11	ng		95
17) 2-Methylphenol	8.70	107	214324	33.43	ng		95
18) Hexachloroethane	9.36	117	146455	44.78	ng		92
19) n-Nitroso-di-n-propylamine	9.07	70	305150	44.11	ng		91
20) 3+4-Methylphenols	9.03	107	283800	32.97	ng		95
22) Acetophenone	9.10	105	528776	46.90	ng	#	94
24) Nitrobenzene	9.49	77	475106	44.30	ng		97
25) Isophorone	10.00	82	835407	46.59	ng		97
26) 2-Nitrophenol	10.20	139	281600	70.74	ng		94
27) 2,4-Dimethylphenol	10.24	122	267490	38.38	ng		96
28) bis(2-Chloroethoxy)methane	10.48	93	465377	50.16	ng		97
29) 2,4-Dichlorophenol	10.73	162	319862	43.73	ng		98
30) 1,2,4-Trichlorobenzene	10.95	180	392696	45.26	ng		97
31) Naphthalene	11.15	128	985741	45.02	ng		98
32) Benzoic acid	10.24	122	267490	46.09	ng	#	9
33) 4-Chloroaniline	11.25	127	392885	41.33	ng		92
34) Hexachlorobutadiene	11.41	225	309234	45.54	ng		99
35) Caprolactam	12.01	113	34738	12.97	ng	#	79
36) 4-Chloro-3-methylphenol	12.34	107	330285	37.40	ng	#	92
37) 2-Methylnaphthalene	12.73	142	739244	46.27	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	507064	47.79	ng		98
40) Hexachlorocyclopentadiene	13.06	237	562202	94.08	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	335268	52.56	ng		98
43) 2,4,5-Trichlorophenol	13.39	196	318748	46.22	ng		93
45) 1,1'-Biphenyl	13.72	154	989457	45.32	ng		98
46) 2-Chloronaphthalene	13.77	162	810428	48.75	ng		98
47) 2-Nitroaniline	13.97	65	311784	45.81	ng		95
48) Acenaphthylene	14.61	152	1163458	45.64	ng		96
49) Dimethylphthalate	14.32	163	1035893	46.38	ng		99
50) 2,6-Dinitrotoluene	14.45	165	234037	49.08	ng		92
51) Acenaphthene	14.95	154	770949	40.57	ng		98
52) 3-Nitroaniline	14.79	138	211155	42.80	ng		96
54) Dibenzofuran	15.28	168	1277066	48.60	ng		96
55) 4-Nitrophenol	15.07	139	140831	32.76	ng	#	88
56) 2,4-Dinitrotoluene	15.24	165	326101	47.07	ng	#	96
57) Fluorene	15.93	166	1021055	46.86	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	256059	35.82	ng	#	95
59) Diethylphthalate	15.68	149	1073484	45.84	ng		99
60) 4-Chlorophenyl-phenylether	15.91	204	575747	47.09	ng		96
61) 4-Nitroaniline	15.95	138	245035	45.46	ng		97
62) Azobenzene	16.20	77	1108514	47.47	ng		96
65) n-Nitrosodiphenylamine	16.12	169	928164	48.25	ng		99
66) 4-Bromophenyl-phenylether	16.80	248	419697	49.14	ng		99
67) Hexachlorobenzene	16.92	284	459713	48.71	ng	#	90
68) Atrazine	17.06	200	417891	50.65	ng		97
69) Pentachlorophenol	17.27	266	74773	12.01	ng		99
70) Phenanthrene	17.67	178	1717238	47.88	ng		97
71) Anthracene	17.76	178	1781164	49.23	ng		99
72) Carbazole	18.03	167	1591775	48.24	ng		99
73) Di-n-butylphthalate	18.56	149	1839518	48.35	ng		97
74) Fluoranthene	19.66	202	2239933	49.41	ng		98
76) Benzidine	19.85	184	5395750	224.69	ng	#	60
77) Pyrene	20.02	202	2293864	46.04	ng		98
79) Butylbenzylphthalate	20.88	149	1009855	48.62	ng		97
80) Benzo(a)anthracene	21.90	228	2674117	47.76	ng		99
81) 3,3'-Dichlorobenzidine	21.80	252	1026128	45.43	ng		98
82) Chrysene	21.97	228	2492998	46.75	ng		99
83) Bis(2-ethylhexyl)phthalate	21.76	149	1419046	47.76	ng		99
84) Di-n-octyl phthalate	23.04	149	2401924	48.71	ng		94
85) Indeno(1,2,3-cd)pyrene	29.28	276	3496022	47.50	ng	#	98
87) Benzo(b)fluoranthene	24.25	252	2881763m	49.60	ng		
88) Benzo(k)fluoranthene	24.32	252	2669392	47.58	ng		99
89) Benzo(a)pyrene	25.19	252	2747421	48.39	ng		98
90) Dibenzo(a,h)anthracene	29.36	278	2894493	46.45	ng		98
91) Benzo(g,h,i)perylene	30.53	276	2894270	46.49	ng		99

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

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