Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024566.D
Acq On : 31 Oct 2016 21:22
Operator : UM/SJ
Sample : H5477-06MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SW-5MS

Quant Time: Nov 01 12:22:49 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:50:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	119819	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	451194	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	340167	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	778976	20.00	ng		0.00
75) Chrysene-d12	21.93	240	1084197	20.00	ng		0.00
86) Perylene-d12	25.36	264	1173357	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	218359	29.87	ng		0.00
7) Phenol-d6	7.40	99	219677	21.91	ng		0.00
23) Nitrobenzene-d5	9.45	82	840896	84.85	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	327949	64.53	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1682145	82.19	ng		0.00
78) Terphenyl-d14	20.21	244	2887603	79.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	45419	15.21	ng		94
3) Pyridine	4.07	79	144867	16.20	ng		96
4) n-Nitrosodimethylamine	3.99	42	75675	16.35	ng		85
6) Aniline	7.59	93	373175	29.37	ng		96
8) 2-Chlorophenol	7.83	128	127546	17.16	ng		97
9) Benzaldehyde	7.40	77	66926	10.80	ng		92
10) Phenol	7.43	94	83114	8.04	ng		93
11) bis(2-Chloroethyl)ether	7.68	93	312196	40.20	ng		91
12) 1,3-Dichlorobenzene	8.16	146	311685	33.87	ng		98
13) 1,4-Dichlorobenzene	8.31	146	304705	33.53	ng		95
14) 1,2-Dichlorobenzene	8.63	146	293163	33.55	ng		90
15) Benzyl Alcohol	8.50	79	244752	26.24	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.80	45	506648	35.16	ng		93
17) 2-Methylphenol	8.70	107	129221	18.87	ng		94
18) Hexachloroethane	9.36	117	116099	33.23	ng		95
19) n-Nitroso-di-n-propylamine	9.07	70	285465	38.63	ng		96
20) 3+4-Methylphenols	9.02	107	150686	16.38	ng		92
22) Acetophenone	9.10	105	482268	41.61	ng	#	92
24) Nitrobenzene	9.49	77	443915	40.27	ng		97
25) Isophorone	10.00	82	754122	40.91	ng		99
26) 2-Nitrophenol	10.20	139	76093	18.60	ng		93
27) 2,4-Dimethylphenol	10.24	122	232611	32.47	ng		95
28) bis(2-Chloroethoxy)methane	10.48	93	433351	45.44	ng		97
29) 2,4-Dichlorophenol	10.73	162	162286	21.58	ng		91
30) 1,2,4-Trichlorobenzene	10.95	180	337217	37.81	ng		96
31) Naphthalene	11.15	128	881514	39.17	ng		99
33) 4-Chloroaniline	11.25	127	371104	37.98	ng		93
34) Hexachlorobutadiene	11.42	225	246432	35.30	ng		94
35) Caprolactam	12.01	113	18252	6.63	ng	#	77
36) 4-Chloro-3-methylphenol	12.34	107	214505	23.63	ng		98
37) 2-Methylnaphthalene	12.73	142	666083	40.56	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	449578	39.19	ng		97
40) Hexachlorocyclopentadiene	13.06	237	493958	76.45	ng		98
42) 2,4,6-Trichlorophenol	13.32	196	130797	18.97	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.40	196	153704	20.61	ng		97
45) 1,1'-Biphenyl	13.72	154	931576	39.46	ng		94
46) 2-Chloronaphthalene	13.77	162	745533	41.48	ng		98
47) 2-Nitroaniline	13.97	65	293891	39.93	ng		98
48) Acenaphthylene	14.61	152	1103346	40.03	ng		99
49) Dimethylphthalate	14.33	163	1097461	45.44	ng		98
50) 2,6-Dinitrotoluene	14.46	165	224376	43.52	ng		87
51) Acenaphthene	14.95	154	725649	35.31	ng		98
52) 3-Nitroaniline	14.79	138	213628	40.04	ng	#	90
53) 2,4-Dinitrophenol	14.99	184	27416	7.34	ng	#	77
54) Dibenzofuran	15.28	168	1202326	42.32	ng		97
55) 4-Nitrophenol	15.07	139	57138	12.29	ng		90
56) 2,4-Dinitrotoluene	15.23	165	329957	44.04	ng	#	93
57) Fluorene	15.93	166	961531	40.81	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.50	232	122984	15.91	ng		96
59) Diethylphthalate	15.68	149	1026185	40.53	ng		99
60) 4-Chlorophenyl-phenylether	15.91	204	545685	41.28	ng		96
61) 4-Nitroaniline	15.95	138	218380	37.47	ng		86
62) Azobenzene	16.20	77	1064481	42.16	ng		96
64) 4,6-Dinitro-2-methylphenol	15.99	198	74235	13.83	ng		86
65) n-Nitrosodiphenylamine	16.13	169	853521	40.08	ng		99
66) 4-Bromophenyl-phenylether	16.80	248	397469	42.03	ng		96
67) Hexachlorobenzene	16.93	284	431431	41.29	ng	#	92
68) Atrazine	17.06	200	411251	45.02	ng		99
69) Pentachlorophenol	17.27	266	130247	18.89	ng		96
70) Phenanthrene	17.67	178	1643213	41.39	ng		99
71) Anthracene	17.76	178	1650259	41.20	ng		100
72) Carbazole	18.03	167	1520864	41.63	ng		99
73) Di-n-butylphthalate	18.55	149	1773600	42.11	ng		98
74) Fluoranthene	19.67	202	2150465	42.84	ng		97
76) Benzidine	19.84	184	1989074	77.87	ng		98
77) Pyrene	20.02	202	2192637	41.37	ng		100
79) Butylbenzylphthalate	20.89	149	929102	42.05	ng		96
80) Benzo(a)anthracene	21.90	228	2478002	41.61	ng		99
81) 3,3'-Dichlorobenzidine	21.81	252	769079	32.01	ng		99
82) Chrysene	21.97	228	2317609	40.86	ng		98
83) Bis(2-ethylhexyl)phthalate	21.76	149	1344091	42.52	ng		99
84) Di-n-octyl phthalate	23.04	149	2264451	43.17	ng	#	93
85) Indeno(1,2,3-cd)pyrene	29.29	276	3208408	40.98	ng		98
87) Benzo(b)fluoranthene	24.26	252	2594247	40.90	ng		98
88) Benzo(k)fluoranthene	24.33	252	2549873	41.63	ng		97
89) Benzo(a)pyrene	25.19	252	2484890	40.10	ng		99
90) Dibenzo(a,h)anthracene	29.37	278	2703665	39.75	ng		96
91) Benzo(g,h,i)perylene	30.55	276	2716340	39.97	ng		100

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

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