Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024739.D
Acq On : 7 Nov 2016 21:41
Operator : UM/SJ
Sample : H5544-06MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0MS

Manual Integrations APPROVED
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11/8/2016 4:29:31 PM

Quant Time: Nov 08 02:44:39 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	8.26	152	104666	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	414762	20.00	ng		-0.01
38) Acenaphthene-d10	14.88	164	330032	20.00	ng		0.00
63) Phenanthrene-d10	17.62	188	799864	20.00	ng		0.00
75) Chrysene-d12	21.92	240	1059937	20.00	ng		-0.01
86) Perylene-d12	25.34	264	1110404	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	602960	94.42	ng		0.00
7) Phenol-d6	7.40	99	655618	74.84	ng		0.00
23) Nitrobenzene-d5	9.44	82	857752	94.16	ng		-0.01
41) 2,4,6-Tribromophenol	16.36	330	753574	152.84	ng		0.00
44) 2-Fluorobiphenyl	13.50	172	1833922	92.36	ng		-0.01
78) Terphenyl-d14	20.20	244	3065679	86.43	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	66767	25.59	ng	#	96
3) Pyridine	4.07	79	149522	19.14	ng		97
4) n-Nitrosodimethylamine	3.98	42	131680	32.56	ng	#	98
6) Aniline	7.58	93	303438	27.34	ng		94
8) 2-Chlorophenol	7.82	128	270336	41.64	ng		89
9) Benzaldehyde	7.40	77	37200	6.87	ng		89
10) Phenol	7.43	94	247487	27.41	ng		97
11) bis(2-Chloroethyl)ether	7.67	93	310642	45.79	ng		91
12) 1,3-Dichlorobenzene	8.15	146	343050	42.68	ng		97
13) 1,4-Dichlorobenzene	8.30	146	346747	43.68	ng		97
14) 1,2-Dichlorobenzene	8.62	146	335718	43.98	ng		96
15) Benzyl Alcohol	8.50	79	320943	39.39	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.78	45	519665	41.29	ng		94
17) 2-Methylphenol	8.70	107	237914	39.76	ng		92
18) Hexachloroethane	9.35	117	130547	42.77	ng		89
19) n-Nitroso-di-n-propylamine	9.06	70	298346	46.21	ng		93
20) 3+4-Methylphenols	9.02	107	310079	38.60	ng		97
22) Acetophenone	9.09	105	505663	47.46	ng	#	91
24) Nitrobenzene	9.48	77	455159	44.91	ng		98
25) Isophorone	9.99	82	811891	47.91	ng		97
26) 2-Nitrophenol	10.19	139	172554	45.87	ng		93
27) 2,4-Dimethylphenol	10.23	122	305805	46.44	ng		96
28) bis(2-Chloroethoxy)methane	10.48	93	436930	49.84	ng		97
29) 2,4-Dichlorophenol	10.72	162	339153	49.07	ng		91
30) 1,2,4-Trichlorobenzene	10.95	180	376025	45.86	ng		99
31) Naphthalene	11.14	128	938919	45.38	ng		99
32) Benzoic acid	10.34	122	137750	25.12	ng	#	82
33) 4-Chloroaniline	11.25	127	169121	18.83	ng	#	93
34) Hexachlorobutadiene	11.40	225	287168	44.75	ng		95
35) Caprolactam	12.07	113	47745m	18.87	ng		
36) 4-Chloro-3-methylphenol	12.34	107	395725	47.43	ng		98
37) 2-Methylnaphthalene	12.73	142	719465	47.66	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	506381	45.49	ng		98
40) Hexachlorocyclopentadiene	13.06	237	697371	111.25	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	327102	48.89	ng		97
43) 2,4,5-Trichlorophenol	13.39	196	347659	48.06	ng		96
45) 1,1'-Biphenyl	13.71	154	1030017	44.98	ng		97
46) 2-Chloronaphthalene	13.77	162	821790	47.12	ng		99
47) 2-Nitroaniline	13.97	65	328873	46.06	ng		99
48) Acenaphthylene	14.61	152	1242567	46.46	ng		97
49) Dimethylphthalate	14.32	163	1188295	50.72	ng		97
50) 2,6-Dinitrotoluene	14.45	165	264860	52.95	ng	#	85
51) Acenaphthene	14.94	154	835805	41.92	ng		99
52) 3-Nitroaniline	14.79	138	159132	30.74	ng		98
53) 2,4-Dinitrophenol	14.99	184	374734	103.39	ng		97
54) Dibenzofuran	15.28	168	1351548	49.03	ng		98
55) 4-Nitrophenol	15.08	139	286228	63.47	ng	#	87
56) 2,4-Dinitrotoluene	15.23	165	386972	53.24	ng	#	94
57) Fluorene	15.92	166	1119113	48.96	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	388404	51.79	ng		92
59) Diethylphthalate	15.67	149	1189867	48.44	ng		99
60) 4-Chlorophenyl-phenylether	15.90	204	628540	49.01	ng		97
61) 4-Nitroaniline	15.95	138	237799	42.06	ng		98
62) Azobenzene	16.20	77	1189371	48.55	ng		95
64) 4,6-Dinitro-2-methylphenol	15.99	198	257816	46.78	ng		91
65) n-Nitrosodiphenylamine	16.12	169	1016045	46.47	ng		98
66) 4-Bromophenyl-phenylether	16.80	248	469796	48.38	ng		95
67) Hexachlorobenzene	16.92	284	521609	48.62	ng	#	89
68) Atrazine	17.06	200	334042	35.61	ng		98
69) Pentachlorophenol	17.26	266	663522	93.72	ng		97
70) Phenanthrene	17.67	178	1889582	46.35	ng		98
71) Anthracene	17.76	178	1921216	46.71	ng		98
72) Carbazole	18.03	167	1724506	45.97	ng		99
73) Di-n-butylphthalate	18.55	149	2009205	46.45	ng		99
74) Fluoranthene	19.66	202	2416015	46.88	ng		97
76) Benzidine	19.84	184	119378	4.78	ng		96
77) Pyrene	20.02	202	2435034	47.00	ng		98
79) Butylbenzylphthalate	20.88	149	1022494	47.33	ng		95
80) Benzo(a)anthracene	21.90	228	2675698	45.95	ng		99
81) 3,3'-Dichlorobenzidine	21.80	252	490106	20.86	ng		98
82) Chrysene	21.97	228	2524456	45.52	ng		98
83) Bis(2-ethylhexyl)phthalate	21.75	149	1423067	46.05	ng		98
84) Di-n-octyl phthalate	23.03	149	2394133	46.69	ng	#	93
85) Indeno(1,2,3-cd)pyrene	29.28	276	3509471	45.85	ng	#	99
87) Benzo(b)fluoranthene	24.25	252	2837394	47.27	ng	#	97
88) Benzo(k)fluoranthene	24.32	252	2717208	46.88	ng	#	96
89) Benzo(a)pyrene	25.19	252	2740690	46.73	ng		98
90) Dibenzo(a,h)anthracene	29.35	278	2910359	45.21	ng		96
91) Benzo(g,h,i)perylene	30.53	276	2920019	45.41	ng		98

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

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