Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122916\
Data File : BG025409.D
Acq On : 29 Dec 2016 18:11
Operator : UM/SJ
Sample : H6304-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP11-COMP8MS

Manual Integrations APPROVED
Sohil
12/30/2016 8:43:25 AM

Quant Time: Dec 30 00:51:13 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 18:42:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	52306	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	219810	20.00	ng		0.00
38) Acenaphthene-d10	14.84	164	183266	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	444403	20.00	ng		0.00
75) Chrysene-d12	21.88	240	593823	20.00	ng		0.00
86) Perylene-d12	25.28	264	629590	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	423733	147.25	ng		0.00
7) Phenol-d6	7.37	99	584961	144.34	ng		0.00
23) Nitrobenzene-d5	9.40	82	486535	97.78	ng		0.00
41) 2,4,6-Tribromophenol	16.33	330	464764	157.52	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	1081621	95.55	ng		0.00
78) Terphenyl-d14	20.16	244	2185168	97.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	42293	34.45	ng	#	49
3) Pyridine	4.01	79	126883	35.65	ng		99
4) n-Nitrosodimethylamine	3.93	42	101670	48.12	ng		91
6) Aniline	7.53	93	79087	14.40	ng		97
8) 2-Chlorophenol	7.77	128	159792	49.22	ng		98
9) Benzaldehyde	7.36	77	23146	7.81	ng		87
10) Phenol	7.40	94	212996	47.41	ng		96
11) bis(2-Chloroethyl)ether	7.62	93	167111	48.27	ng		92
12) 1,3-Dichlorobenzene	8.10	146	169782	43.22	ng		99
13) 1,4-Dichlorobenzene	8.24	146	178542	43.85	ng		96
14) 1,2-Dichlorobenzene	8.57	146	171564	44.16	ng		94
15) Benzyl Alcohol	8.46	79	198680	51.35	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.73	45	300894	46.93	ng		92
17) 2-Methylphenol	8.66	107	156482	53.04	ng		95
18) Hexachloroethane	9.29	117	68109	43.56	ng		94
19) n-Nitroso-di-n-propylamine	9.01	70	167106	48.82	ng		98
20) 3+4-Methylphenols	8.99	107	203315	49.79	ng		94
22) Acetophenone	9.04	105	277654	45.46	ng	#	99
24) Nitrobenzene	9.44	77	253048	46.37	ng		97
25) Isophorone	9.95	82	455600	50.57	ng		97
26) 2-Nitrophenol	10.15	139	99980	47.90	ng	#	86
27) 2,4-Dimethylphenol	10.19	122	184027	53.63	ng		89
28) bis(2-Chloroethoxy)methane	10.42	93	239042	51.09	ng		96
29) 2,4-Dichlorophenol	10.69	162	197823	53.87	ng		95
30) 1,2,4-Trichlorobenzene	10.89	180	204218	46.03	ng		94
31) Naphthalene	11.09	128	518410	47.23	ng		98
32) Benzoic acid	10.35	122	93298	33.81	ng		96
33) 4-Chloroaniline	11.22	127	12620	2.73	ng	#	89
34) Hexachlorobutadiene	11.35	225	161671	44.64	ng		97
35) Caprolactam	11.99	113	57376m	41.58	ng		
36) 4-Chloro-3-methylphenol	12.32	107	241852	53.36	ng		96
37) 2-Methylnaphthalene	12.67	142	407460	50.09	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	296365	48.98	ng	#	96
40) Hexachlorocyclopentadiene	13.00	237	270554	117.91	ng		97

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Quant Time: Dec 30 00:51:13 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	196455	51.57	ng		96
43) 2,4,5-Trichlorophenol	13.37	196	200844	50.36	ng	#	93
45) 1,1'-Biphenyl	13.67	154	594630	48.24	ng		99
46) 2-Chloronaphthalene	13.72	162	471286	48.94	ng		97
47) 2-Nitroaniline	13.94	65	195334	48.05	ng		98
48) Acenaphthylene	14.57	152	724073	48.51	ng		99
49) Dimethylphthalate	14.28	163	682081	51.05	ng		99
50) 2,6-Dinitrotoluene	14.42	165	152463	52.24	ng		92
51) Acenaphthene	14.90	154	465249	47.66	ng		98
52) 3-Nitroaniline	14.77	138	6804	2.42	ng	#	90
53) 2,4-Dinitrophenol	14.98	184	205841	105.80	ng	#	85
54) Dibenzofuran	15.24	168	790093	51.19	ng		99
55) 4-Nitrophenol	15.08	139	206631	98.59	ng		91
56) 2,4-Dinitrotoluene	15.21	165	225861	53.15	ng	#	96
57) Fluorene	15.88	166	647443	50.11	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.46	232	232559	54.44	ng		92
59) Diethylphthalate	15.62	149	716556	51.14	ng		99
60) 4-Chlorophenyl-phenylether	15.86	204	380052	51.90	ng		100
61) 4-Nitroaniline	15.92	138	97263	34.45	ng		90
62) Azobenzene	16.15	77	736190	54.49	ng		98
64) 4,6-Dinitro-2-methylphenol	15.98	198	152920	49.69	ng		87
65) n-Nitrosodiphenylamine	16.08	169	604107	50.29	ng		99
66) 4-Bromophenyl-phenylether	16.75	248	280677	51.19	ng		97
67) Hexachlorobenzene	16.88	284	308933	49.10	ng	#	88
68) Atrazine	17.02	200	250455	47.59	ng		97
69) Pentachlorophenol	17.23	266	333571	102.27	ng		97
70) Phenanthrene	17.62	178	1143481	49.93	ng		96
71) Anthracene	17.72	178	1179301	50.68	ng		99
72) Carbazole	17.99	167	1035961	49.77	ng		96
73) Di-n-butylphthalate	18.50	149	1256888	49.08	ng		98
74) Fluoranthene	19.62	202	1514167	50.06	ng		93
76) Benzidine	19.81	184	123840	8.36	ng	#	95
77) Pyrene	19.98	202	1523932	49.10	ng		97
79) Butylbenzylphthalate	20.84	149	612967	49.19	ng		99
80) Benzo(a)anthracene	21.86	228	1683061	50.81	ng		96
81) 3,3'-Dichlorobenzidine	21.76	252	185666	14.43	ng	#	93
82) Chrysene	21.93	228	1530155	48.17	ng		97
83) Bis(2-ethylhexyl)phthalate	21.70	149	864466	49.85	ng		98
84) Di-n-octyl phthalate	22.96	149	1501351	52.15	ng		96
85) Indeno(1,2,3-cd)pyrene	29.22	276	2114154	52.36	ng		99
87) Benzo(b)fluoranthene	24.20	252	1786143	52.00	ng	#	98
88) Benzo(k)fluoranthene	24.27	252	1645533m	49.60	ng		
89) Benzo(a)pyrene	25.12	252	1678121	50.58	ng	#	97
90) Dibenzo(a,h)anthracene	29.27	278	1771818	50.39	ng	#	98
91) Benzo(g,h,i)perylene	30.46	276	1737094	49.71	ng		96

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

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