Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
Data File : BG025563.D
Acq On : 21 Jan 2017 8:04
Operator : UM/SJ
Sample : I1347-02MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMS

Manual Integrations APPROVED
mohammad
1/23/2017 4:59:43 PM

Quant Time: Jan 23 00:48:25 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	63909	20.00	ng		-0.02
21) Naphthalene-d8	11.00	136	258674	20.00	ng		-0.02
38) Acenaphthene-d10	14.81	164	210466	20.00	ng		-0.01
63) Phenanthrene-d10	17.56	188	491992	20.00	ng		-0.02
75) Chrysene-d12	21.85	240	688046	20.00	ng		-0.02
86) Perylene-d12	25.23	264	741535	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	529644	150.64	ng		-0.02
7) Phenol-d6	7.34	99	715547	144.50	ng		-0.02
23) Nitrobenzene-d5	9.37	82	608617	103.94	ng		-0.02
41) 2,4,6-Tribromophenol	16.30	330	505155	149.08	ng		-0.02
44) 2-Fluorobiphenyl	13.43	172	1249797	96.14	ng		-0.02
78) Terphenyl-d14	20.14	244	2487747	95.87	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	58735	39.15	ng	#	42
3) Pyridine	3.98	79	152965	35.17	ng		91
4) n-Nitrosodimethylamine	3.88	42	123087	47.68	ng		96
6) Aniline	7.50	93	156339	23.30	ng		98
8) 2-Chlorophenol	7.74	128	183853	46.35	ng		98
9) Benzaldehyde	7.32	77	119482	32.98	ng		92
10) Phenol	7.37	94	248181	45.21	ng		97
11) bis(2-Chloroethyl)ether	7.59	93	199401	47.14	ng		95
12) 1,3-Dichlorobenzene	8.07	146	198265	41.31	ng		97
13) 1,4-Dichlorobenzene	8.21	146	204101	41.03	ng		96
14) 1,2-Dichlorobenzene	8.54	146	192130	40.47	ng		95
15) Benzyl Alcohol	8.43	79	228938	48.43	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	375375	47.92	ng		97
17) 2-Methylphenol	8.63	107	176562	48.98	ng		95
18) Hexachloroethane	9.26	117	77481	40.56	ng		92
19) n-Nitroso-di-n-propylamine	8.98	70	209386	50.06	ng		97
20) 3+4-Methylphenols	8.96	107	243131	48.73	ng		91
22) Acetophenone	9.01	105	337079	46.90	ng	#	98
24) Nitrobenzene	9.41	77	309152	48.14	ng		95
25) Isophorone	9.92	82	537247	50.67	ng		99
26) 2-Nitrophenol	10.12	139	119160	48.51	ng		99
27) 2,4-Dimethylphenol	10.16	122	216969	53.73	ng		98
28) bis(2-Chloroethoxy)methane	10.39	93	290674	52.79	ng		98
29) 2,4-Dichlorophenol	10.66	162	225379	52.15	ng		92
30) 1,2,4-Trichlorobenzene	10.86	180	236046	45.21	ng		93
31) Naphthalene	11.06	128	685610	53.08	ng		99
32) Benzoic acid	10.33	122	103462	31.86	ng		92
33) 4-Chloroaniline	11.20	127	19762	3.64	ng		97
34) Hexachlorobutadiene	11.31	225	184624	43.32	ng		96
35) Caprolactam	11.96	113	70413m	43.37	ng		
36) 4-Chloro-3-methylphenol	12.29	107	276929	51.92	ng		97
37) 2-Methylnaphthalene	12.65	142	494681	51.67	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	341518	49.15	ng	#	97
40) Hexachlorocyclopentadiene	12.97	237	290365	110.74	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	211970	48.45	ng		95
43) 2,4,5-Trichlorophenol	13.34	196	230430	50.31	ng		95
45) 1,1'-Biphenyl	13.64	154	714219	50.45	ng		95
46) 2-Chloronaphthalene	13.70	162	525579	47.52	ng		98
47) 2-Nitroaniline	13.91	65	229226	49.10	ng		94
48) Acenaphthylene	14.54	152	828135	48.31	ng		98
49) Dimethylphthalate	14.25	163	757724	49.38	ng		97
50) 2,6-Dinitrotoluene	14.40	165	165163	49.27	ng		91
51) Acenaphthene	14.87	154	555599	49.56	ng		99
52) 3-Nitroaniline	14.74	138	36935	11.46	ng		95
53) 2,4-Dinitrophenol	14.95	184	207462	93.47	ng		89
54) Dibenzofuran	15.21	168	888038	50.10	ng		98
55) 4-Nitrophenol	15.05	139	221578	92.06	ng		96
56) 2,4-Dinitrotoluene	15.19	165	240032	49.18	ng	#	85
57) Fluorene	15.85	166	730405	49.22	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.44	232	236963	48.30	ng	#	96
59) Diethylphthalate	15.60	149	800153	49.73	ng		99
60) 4-Chlorophenyl-phenylether	15.83	204	410373	48.80	ng		98
61) 4-Nitroaniline	15.90	138	139426	43.00	ng	#	85
62) Azobenzene	16.13	77	844987	54.46	ng		99
64) 4,6-Dinitro-2-methylphenol	15.95	198	165432	48.55	ng		92
65) n-Nitrosodiphenylamine	16.05	169	667667	50.21	ng		99
66) 4-Bromophenyl-phenylether	16.73	248	302595	49.85	ng		97
67) Hexachlorobenzene	16.86	284	330218	47.41	ng		92
68) Atrazine	16.99	200	233749	40.12	ng		97
69) Pentachlorophenol	17.21	266	333103	92.25	ng		92
70) Phenanthrene	17.60	178	1281945	50.56	ng		96
71) Anthracene	17.69	178	1295037	50.27	ng		98
72) Carbazole	17.97	167	1134062	49.22	ng		96
73) Di-n-butylphthalate	18.48	149	1382234	48.76	ng		98
74) Fluoranthene	19.59	202	1668740	49.83	ng		97
76) Benzidine	19.80	184	138608	8.08	ng	#	86
77) Pyrene	19.96	202	1703169	47.36	ng		99
79) Butylbenzylphthalate	20.81	149	714644	49.50	ng		93
80) Benzo(a)anthracene	21.82	228	1905896	49.66	ng		97
81) 3,3'-Dichlorobenzidine	21.73	252	158568	10.64	ng		97
82) Chrysene	21.89	228	1751905	47.60	ng		98
83) Bis(2-ethylhexyl)phthalate	21.66	149	1040048	51.76	ng		97
84) Di-n-octyl phthalate	22.91	149	1781614	53.41	ng		98
85) Indeno(1,2,3-cd)pyrene	29.12	276	2471528	52.83	ng	#	96
87) Benzo(b)fluoranthene	24.14	252	2017476	49.86	ng		99
88) Benzo(k)fluoranthene	24.21	252	1930195	49.40	ng		97
89) Benzo(a)pyrene	25.07	252	1924823	49.26	ng		96
90) Dibenzo(a,h)anthracene	29.18	278	2086650	50.38	ng		97
91) Benzo(g,h,i)perylene	30.35	276	2023705	49.17	ng		98

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

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