Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
Data File : BG025564.D
Acq On : 21 Jan 2017 8:44
Operator : UM/SJ
Sample : I1347-02MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
1/23/2017 4:59:46 PM

Quant Time: Jan 23 00:49:31 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	65982	20.00	ng		-0.02
21) Naphthalene-d8	11.01	136	262728	20.00	ng		-0.02
38) Acenaphthene-d10	14.81	164	213046	20.00	ng		-0.02
63) Phenanthrene-d10	17.55	188	502352	20.00	ng		-0.02
75) Chrysene-d12	21.84	240	693951	20.00	ng		-0.02
86) Perylene-d12	25.23	264	744217	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	560969	154.54	ng		-0.02
7) Phenol-d6	7.34	99	744792	145.68	ng		-0.02
23) Nitrobenzene-d5	9.36	82	616621	103.68	ng		-0.02
41) 2,4,6-Tribromophenol	16.30	330	519284	151.40	ng		-0.02
44) 2-Fluorobiphenyl	13.43	172	1251131	95.08	ng		-0.02
78) Terphenyl-d14	20.14	244	2475668	94.59	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	61754	39.87	ng	#	43
3) Pyridine	3.97	79	171577	38.21	ng		99
4) n-Nitrosodimethylamine	3.89	42	129014	48.41	ng		98
6) Aniline	7.50	93	200899	29.00	ng		97
8) 2-Chlorophenol	7.74	128	196864	48.07	ng		97
9) Benzaldehyde	7.32	77	168446	45.03	ng		95
10) Phenol	7.37	94	267821	47.26	ng		96
11) bis(2-Chloroethyl)ether	7.59	93	206594	47.31	ng		93
12) 1,3-Dichlorobenzene	8.06	146	208970	42.17	ng		96
13) 1,4-Dichlorobenzene	8.21	146	220817	43.00	ng		95
14) 1,2-Dichlorobenzene	8.53	146	211077	43.07	ng		98
15) Benzyl Alcohol	8.43	79	248686	50.95	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.70	45	388200	48.00	ng		97
17) 2-Methylphenol	8.63	107	185195	49.76	ng		94
18) Hexachloroethane	9.26	117	84406	42.79	ng		91
19) n-Nitroso-di-n-propylamine	8.98	70	209777	48.58	ng		99
20) 3+4-Methylphenols	8.96	107	250061	48.55	ng		98
22) Acetophenone	9.02	105	363916	49.85	ng	#	99
24) Nitrobenzene	9.40	77	316570	48.53	ng		98
25) Isophorone	9.92	82	568214	52.77	ng		98
26) 2-Nitrophenol	10.12	139	122237	49.00	ng		97
27) 2,4-Dimethylphenol	10.17	122	218573	53.29	ng		92
28) bis(2-Chloroethoxy)methane	10.40	93	307856	55.05	ng		96
29) 2,4-Dichlorophenol	10.67	162	240472	54.79	ng		93
30) 1,2,4-Trichlorobenzene	10.86	180	249000	46.96	ng		93
31) Naphthalene	11.05	128	723768	55.17	ng		99
32) Benzoic acid	10.33	122	116265	35.25	ng		97
33) 4-Chloroaniline	11.19	127	39583	7.17	ng	#	84
34) Hexachlorobutadiene	11.31	225	193950	44.81	ng		94
35) Caprolactam	11.96	113	74297m	45.05	ng		
36) 4-Chloro-3-methylphenol	12.29	107	281111	51.89	ng		93
37) 2-Methylnaphthalene	12.65	142	504906	51.93	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	358248	50.93	ng		98
40) Hexachlorocyclopentadiene	12.97	237	302659	113.78	ng		97

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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	13.26	196	225560	50.93	ng		98
43) 2,4,5-Trichlorophenol	13.35	196	233107	50.28	ng		96
45) 1,1'-Biphenyl	13.64	154	751758	52.46	ng		95
46) 2-Chloronaphthalene	13.69	162	560095	50.03	ng		98
47) 2-Nitroaniline	13.91	65	241450	51.10	ng		97
48) Acenaphthylene	14.54	152	853735	49.20	ng		97
49) Dimethylphthalate	14.25	163	789856	50.85	ng		100
50) 2,6-Dinitrotoluene	14.40	165	168964	49.80	ng		97
51) Acenaphthene	14.87	154	563628	49.66	ng		97
52) 3-Nitroaniline	14.74	138	70654	21.66	ng		91
53) 2,4-Dinitrophenol	14.96	184	211732	94.20	ng	#	85
54) Dibenzofuran	15.21	168	920132	51.29	ng		99
55) 4-Nitrophenol	15.06	139	230949	94.79	ng		92
56) 2,4-Dinitrotoluene	15.19	165	260916	52.81	ng	#	90
57) Fluorene	15.86	166	753313	50.15	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	241547	48.64	ng	#	97
59) Diethylphthalate	15.60	149	814879	50.03	ng		98
60) 4-Chlorophenyl-phenylether	15.83	204	414443	48.68	ng		95
61) 4-Nitroaniline	15.90	138	147575	44.96	ng		89
62) Azobenzene	16.13	77	858551	54.66	ng		99
64) 4,6-Dinitro-2-methylphenol	15.95	198	170463	49.00	ng		78
65) n-Nitrosodiphenylamine	16.05	169	707433	52.10	ng		99
66) 4-Bromophenyl-phenylether	16.73	248	297327	47.97	ng		94
67) Hexachlorobenzene	16.85	284	343480	48.30	ng		90
68) Atrazine	16.99	200	310400	52.17	ng		96
69) Pentachlorophenol	17.21	266	336204	91.19	ng		98
70) Phenanthrene	17.60	178	1297898	50.14	ng		96
71) Anthracene	17.69	178	1301418	49.48	ng		100
72) Carbazole	17.96	167	1179804	50.14	ng		97
73) Di-n-butylphthalate	18.48	149	1410290	48.72	ng		97
74) Fluoranthene	19.60	202	1697202	49.64	ng		95
76) Benzidine	19.77	184	400615	23.14	ng	#	95
77) Pyrene	19.96	202	1724913	47.56	ng		98
79) Butylbenzylphthalate	20.81	149	745081	51.17	ng		96
80) Benzo(a)anthracene	21.82	228	1917979	49.55	ng		98
81) 3,3'-Dichlorobenzidine	21.73	252	420112	27.95	ng		99
82) Chrysene	21.90	228	1745635	47.03	ng		98
83) Bis(2-ethylhexyl)phthalate	21.67	149	1048187	51.72	ng		100
84) Di-n-octyl phthalate	22.92	149	1802099	53.56	ng		97
85) Indeno(1,2,3-cd)pyrene	29.13	276	2471193	52.37	ng	#	96
87) Benzo(b)fluoranthene	24.14	252	2010885	49.52	ng		99
88) Benzo(k)fluoranthene	24.22	252	1979983	50.49	ng		98
89) Benzo(a)pyrene	25.07	252	1966031	50.13	ng		97
90) Dibenzo(a,h)anthracene	29.18	278	2090413	50.29	ng		98
91) Benzo(g,h,i)perylene	30.36	276	2033914	49.24	ng		98

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

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