Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022429.D
Acq On : 18 Jun 2016 18:38
Operator : UM/SJ
Sample : H3607-08MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-MW2-15MSD

Manual Integrations APPROVED
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6/20/2016 6:53:50 PM

Quant Time: Jun 20 03:12:35 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	24582	20.00	ng		-0.05
21) Naphthalene-d8	10.86	136	132921	20.00	ng		-0.04
38) Acenaphthene-d10	14.68	164	78912	20.00	ng		-0.04
63) Phenanthrene-d10	17.43	188	168412	20.00	ng		-0.04
75) Chrysene-d12	21.69	240	141912	20.00	ng		-0.05
86) Perylene-d12	24.93	264	127226	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	99181	78.01	ng		-0.03
7) Phenol-d6	7.23	99	97806	48.93	ng		-0.02
23) Nitrobenzene-d5	9.22	82	188069	98.64	ng		-0.04
41) 2,4,6-Tribromophenol	16.17	330	108174	121.32	ng		-0.04
44) 2-Fluorobiphenyl	13.30	172	492855	95.18	ng		-0.04
78) Terphenyl-d14	20.02	244	516939	86.48	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	10267	16.84	ng	#	60
3) Pyridine	3.82	79	26580	16.13	ng		99
4) n-Nitrosodimethylamine	3.74	42	8939	24.27	ng		96
6) Aniline	7.37	93	60210	23.71	ng	#	83
8) 2-Chlorophenol	7.61	128	76252	43.39	ng	#	80
10) Phenol	7.26	94	34832	16.90	ng		82
11) bis(2-Chloroethyl)ether	7.46	93	82204	50.03	ng	#	75
12) 1,3-Dichlorobenzene	7.93	146	78658	41.76	ng	#	93
13) 1,4-Dichlorobenzene	8.08	146	80173	42.72	ng		94
14) 1,2-Dichlorobenzene	8.40	146	81760	43.22	ng		96
15) Benzyl Alcohol	8.29	79	41069	31.80	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.57	45	95119	55.79	ng		85
17) 2-Methylphenol	8.51	107	56077	36.46	ng	#	85
18) Hexachloroethane	9.12	117	29925	43.67	ng	#	82
19) n-Nitroso-di-n-propylamine	8.85	70	70559	52.14	ng	#	70
20) 3+4-Methylphenols	8.84	107	72150	32.71	ng		98
22) Acetophenone	8.87	105	133618	46.65	ng	#	83
24) Nitrobenzene	9.26	77	97341	50.77	ng	#	84
25) Isophorone	9.78	82	210683	47.23	ng		95
26) 2-Nitrophenol	9.98	139	50105	48.19	ng	#	80
27) 2,4-Dimethylphenol	10.04	122	83423	44.33	ng		90
28) bis(2-Chloroethoxy)methane	10.26	93	126148	49.36	ng		93
29) 2,4-Dichlorophenol	10.53	162	83722	48.03	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	85080	43.68	ng		92
31) Naphthalene	10.91	128	301286	45.41	ng	#	96
32) Benzoic acid	10.19	122	8177	20.47	ng	#	84
33) 4-Chloroaniline	11.03	127	42408	15.37	ng	#	89
34) Hexachlorobutadiene	11.18	225	42661	40.80	ng		97
35) Caprolactam	11.83	113	6448	6.74	ng	#	43
36) 4-Chloro-3-methylphenol	12.17	107	91700	44.38	ng	#	83
37) 2-Methylnaphthalene	12.51	142	222663	45.46	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	90684	44.64	ng		97
40) Hexachlorocyclopentadiene	12.85	237	46185	46.87	ng		100
42) 2,4,6-Trichlorophenol	13.13	196	66631	48.90	ng		95

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.22	196	71331	47.38	ng		96
45) 1,1'-Biphenyl	13.51	154	290450	48.91	ng		95
46) 2-Chloronaphthalene	13.57	162	225367	49.50	ng		97
47) 2-Nitroaniline	13.78	65	58047	53.48	ng	#	62
48) Acenaphthylene	14.41	152	381319	47.74	ng		97
49) Dimethylphthalate	14.14	163	302137	46.18	ng		99
50) 2,6-Dinitrotoluene	14.27	165	67786	47.66	ng	#	82
51) Acenaphthene	14.75	154	229178	47.89	ng		96
52) 3-Nitroaniline	14.61	138	32048	20.31	ng		86
53) 2,4-Dinitrophenol	14.82	184	53157	89.95	ng	#	75
54) Dibenzofuran	15.08	168	354225	47.43	ng		100
55) 4-Nitrophenol	14.96	139	24366	22.38	ng		84
56) 2,4-Dinitrotoluene	15.06	165	91865	48.15	ng	#	88
57) Fluorene	15.73	166	298699	46.43	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.32	232	53648	39.73	ng		91
59) Diethylphthalate	15.49	149	321124	45.95	ng		100
60) 4-Chlorophenyl-phenylether	15.71	204	133893	45.96	ng		98
61) 4-Nitroaniline	15.77	138	49110m	29.35	ng		
62) Azobenzene	16.01	77	272786	51.54	ng		88
64) 4,6-Dinitro-2-methylphenol	15.82	198	41955	49.00	ng		84
65) n-Nitrosodiphenylamine	15.93	169	247526	51.02	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	75013	47.54	ng		96
67) Hexachlorobenzene	16.73	284	82226	44.71	ng		96
68) Atrazine	16.88	200	75480	42.03	ng		97
69) Pentachlorophenol	17.09	266	59619	72.22	ng		97
70) Phenanthrene	17.47	178	440451	48.15	ng		99
71) Anthracene	17.56	178	432025	47.62	ng		96
72) Carbazole	17.84	167	388603	45.23	ng		97
73) Di-n-butylphthalate	18.37	149	552198	49.16	ng		98
74) Fluoranthene	19.48	202	467184	44.43	ng		96
77) Pyrene	19.84	202	467960	53.04	ng		98
79) Butylbenzylphthalate	20.70	149	238395	58.27	ng		97
80) Benzo(a)anthracene	21.67	228	384914	48.37	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	50016	22.39	ng	#	95
82) Chrysene	21.74	228	373634	48.25	ng		99
83) Bis(2-ethylhexyl)phthalate	21.54	149	342032	56.85	ng		97
84) Di-n-octyl phthalate	22.76	149	564408	56.50	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.64	276	395911	45.57	ng	#	83
87) Benzo(b)fluoranthene	23.90	252	368019	49.60	ng	#	96
88) Benzo(k)fluoranthene	23.97	252	369301	50.56	ng	#	96
89) Benzo(a)pyrene	24.78	252	341365	48.11	ng	#	96
90) Dibenzo(a,h)anthracene	28.70	278	317416	47.50	ng	#	94
91) Benzo(g,h,i)perylene	29.81	276	332426	47.82	ng	#	94

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

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