Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052517\
Data File : BM010218.D
Acq On : 25 May 2017 15:44
Operator : SJ/MA
Sample : I3317-08MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RAV-GT-104MS

Quant Time: May 26 05:13:39 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	119615	20.00	ng		-0.03
21) Naphthalene-d8	10.75	136	414974	20.00	ng		-0.04
38) Acenaphthene-d10	14.58	164	262175	20.00	ng		-0.03
63) Phenanthrene-d10	17.32	188	597133	20.00	ng		-0.03
75) Chrysene-d12	21.49	240	913128	20.00	ng		-0.02
86) Perylene-d12	23.84	264	999094	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	468948	70.80	ng		-0.03
7) Phenol-d6	7.13	99	346938	40.71	ng		-0.04
23) Nitrobenzene-d5	9.13	82	937641	121.90	ng		-0.04
41) 2,4,6-Tribromophenol	16.07	330	630279	158.29	ng		-0.02
44) 2-Fluorobiphenyl	13.20	172	2380388	116.72	ng		-0.04
78) Terphenyl-d14	19.93	244	3472917	86.48	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	58888	19.35	ng	#	100
3) Pyridine	3.85	79	108608	13.33	ng	#	87
4) n-Nitrosodimethylamine	3.76	42	82397	27.96	ng	#	78
6) Aniline	7.30	93	286125	27.09	ng		92
8) 2-Chlorophenol	7.52	128	282937	39.26	ng		93
9) Benzaldehyde	7.10	77	94217	17.76	ng		84
10) Phenol	7.16	94	124719	13.89	ng		96
11) bis(2-Chloroethyl)ether	7.38	93	311274	46.49	ng		97
12) 1,3-Dichlorobenzene	7.83	146	410765	44.85	ng	#	92
13) 1,4-Dichlorobenzene	7.98	146	417363	44.36	ng		96
14) 1,2-Dichlorobenzene	8.30	146	407947	45.18	ng		95
15) Benzyl Alcohol	8.21	79	199130	30.88	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.47	45	258394	39.25	ng		74
17) 2-Methylphenol	8.40	107	193241	30.24	ng	#	81
18) Hexachloroethane	9.02	117	142180	46.62	ng	#	72
19) n-Nitroso-di-n-propylamine	8.75	70	302607	50.30	ng		95
20) 3+4-Methylphenols	8.73	107	230123	26.66	ng		87
22) Acetophenone	8.79	105	554200	52.10	ng	#	96
24) Nitrobenzene	9.17	77	471762	59.54	ng		92
25) Isophorone	9.68	82	730305	54.95	ng		93
26) 2-Nitrophenol	9.87	139	173915	52.07	ng	#	58
27) 2,4-Dimethylphenol	9.93	122	259897	43.09	ng	#	80
28) bis(2-Chloroethoxy)methane	10.16	93	412001	48.85	ng		100
29) 2,4-Dichlorophenol	10.40	162	352996	50.84	ng		97
30) 1,2,4-Trichlorobenzene	10.60	180	460971	51.31	ng		98
31) Naphthalene	10.80	128	1029757	46.39	ng		99
32) Benzoic acid	10.03	122	53567	13.03	ng	#	87
33) 4-Chloroaniline	10.95	127	305836	35.76	ng	#	84
34) Hexachlorobutadiene	11.05	225	319075	53.24	ng		98
35) Caprolactam	11.77	113	9732	4.88	ng	#	64
36) 4-Chloro-3-methylphenol	12.05	107	309516	41.16	ng		86
37) 2-Methylnaphthalene	12.40	142	805087	50.37	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	540175	53.58	ng	#	100
40) Hexachlorocyclopentadiene	12.72	237	731561	125.67	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.02	196	329234	55.44	ng		99
43) 2,4,5-Trichlorophenol	13.09	196	337951	51.50	ng	#	91
45) 1,1'-Biphenyl	13.41	154	1105528	51.28	ng		99
46) 2-Chloronaphthalene	13.46	162	874496	50.10	ng		98
47) 2-Nitroaniline	13.70	65	235220	52.40	ng	#	79
48) Acenaphthylene	14.31	152	1311968	50.83	ng		100
49) Dimethylphthalate	14.04	163	1199549	51.29	ng	#	98
50) 2,6-Dinitrotoluene	14.18	165	225658	50.82	ng	#	84
51) Acenaphthene	14.64	154	801313	49.94	ng		98
52) 3-Nitroaniline	14.53	138	159746	38.70	ng	#	72
53) 2,4-Dinitrophenol	14.72	184	287953	96.20	ng	#	87
54) Dibenzofuran	14.98	168	1365062	54.10	ng		96
55) 4-Nitrophenol	14.83	139	97093	29.23	ng	#	25
56) 2,4-Dinitrotoluene	14.96	165	306722	48.82	ng		89
57) Fluorene	15.63	166	1110252	50.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.20	232	317748	56.85	ng	#	100
59) Diethylphthalate	15.39	149	1004006	45.41	ng		97
60) 4-Chlorophenyl-phenylether	15.62	204	620479	50.37	ng		99
61) 4-Nitroaniline	15.69	138	169831	40.53	ng	#	22
62) Azobenzene	15.91	77	1036258	63.74	ng		88
64) 4,6-Dinitro-2-methylphenol	15.71	198	191616	52.53	ng		79
65) n-Nitrosodiphenylamine	15.84	169	926758	51.78	ng		100
66) 4-Bromophenyl-phenylether	16.51	248	408169	53.40	ng		96
67) Hexachlorobenzene	16.60	284	445084	47.92	ng		94
68) Atrazine	16.78	200	357009	52.61	ng		98
69) Pentachlorophenol	16.97	266	534439	104.77	ng		99
70) Phenanthrene	17.37	178	1673939	50.10	ng		99
71) Anthracene	17.46	178	1754582	52.92	ng		99
72) Carbazole	17.74	167	1487965	50.69	ng		99
73) Di-n-butylphthalate	18.26	149	1647277	47.33	ng	#	97
74) Fluoranthene	19.37	202	2171607	50.06	ng		97
76) Benzidine	19.58	184	281446	16.71	ng		98
77) Pyrene	19.74	202	2267442	46.32	ng		99
79) Butylbenzylphthalate	20.61	149	821849	45.35	ng	#	84
80) Benzo(a)anthracene	21.47	228	2526704	50.21	ng		99
81) 3,3'-Dichlorobenzidine	21.42	252	806650	39.85	ng	#	97
82) Chrysene	21.52	228	2298663	48.16	ng		99
83) Bis(2-ethylhexyl)phthalate	21.35	149	1211375	44.70	ng	#	98
84) Di-n-octyl phthalate	22.26	149	2219033	45.73	ng	#	98
85) Indeno(1,2,3-cd)pyrene	26.26	276	3882928	55.48	ng	#	100
87) Benzo(b)fluoranthene	23.12	252	2929983	50.11	ng	#	92
88) Benzo(k)fluoranthene	23.17	252	2937590	51.28	ng	#	95
89) Benzo(a)pyrene	23.74	252	2917946	52.37	ng	#	96
90) Dibenzo(a,h)anthracene	26.27	278	3260641	52.33	ng	#	92
91) Benzo(g,h,i)perylene	27.01	276	3140807	51.45	ng	#	87

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

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