Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
Data File : BM010036.D
Acq On : 12 May 2017 22:41
Operator : SJ/MA
Sample : I3108-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : IDW-GAC3-170510MS

Quant Time: May 15 14:16:51 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 19:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	50659	20.00	ng		-0.02
21) Naphthalene-d8	10.55	136	234097	20.00	ng		-0.03
38) Acenaphthene-d10	14.41	164	153381	20.00	ng		-0.03
63) Phenanthrene-d10	17.17	188	385247	20.00	ng		-0.03
75) Chrysene-d12	21.36	240	514345	20.00	ng		-0.03
86) Perylene-d12	23.65	264	428073	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	501508	154.92	ng		-0.02
7) Phenol-d6	6.95	99	711903	137.25	ng		-0.02
23) Nitrobenzene-d5	8.93	82	648095	101.17	ng		-0.02
41) 2,4,6-Tribromophenol	15.92	330	319972	152.43	ng		-0.02
44) 2-Fluorobiphenyl	13.02	172	1109697	96.75	ng		-0.03
78) Terphenyl-d14	19.79	244	2225270	91.18	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	46823	39.04	ng	#	100
3) Pyridine	3.69	79	177091	40.06	ng	#	80
4) n-Nitrosodimethylamine	3.60	42	137884	56.95	ng	#	54
6) Aniline	7.10	93	103581	15.38	ng	#	91
8) 2-Chlorophenol	7.33	128	177287	50.45	ng	#	74
9) Benzaldehyde	6.92	77	24780	6.38	ng	#	71
10) Phenol	6.97	94	259550	46.05	ng		96
11) bis(2-Chloroethyl)ether	7.19	93	199523	45.53	ng		83
12) 1,3-Dichlorobenzene	7.65	146	164978	42.05	ng	#	78
13) 1,4-Dichlorobenzene	7.79	146	174813	43.48	ng	#	91
14) 1,2-Dichlorobenzene	8.10	146	175433	45.01	ng	#	88
15) Benzyl Alcohol	8.02	79	263758	59.66	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.29	45	326750	46.98	ng		98
17) 2-Methylphenol	8.22	107	180773	49.13	ng	#	82
18) Hexachloroethane	8.82	117	84091	50.45	ng		95
19) n-Nitroso-di-n-propylamine	8.57	70	231197	49.13	ng	#	79
20) 3+4-Methylphenols	8.55	107	248682	49.65	ng	#	81
22) Acetophenone	8.59	105	336336	47.00	ng	#	81
24) Nitrobenzene	8.97	77	344226	50.50	ng	#	87
25) Isophorone	9.49	82	568855	51.60	ng	#	86
26) 2-Nitrophenol	9.68	139	102004	49.69	ng	#	29
27) 2,4-Dimethylphenol	9.74	122	184199	47.94	ng	#	75
28) bis(2-Chloroethoxy)methane	9.97	93	311758	46.94	ng		98
29) 2,4-Dichlorophenol	10.22	162	186807	49.97	ng		88
30) 1,2,4-Trichlorobenzene	10.42	180	190411	43.62	ng		99
31) Naphthalene	10.60	128	571921	44.38	ng		98
32) Benzoic acid	9.93	122	110513	43.00	ng	#	66
33) 4-Chloroaniline	10.76	127	19108	3.49	ng	#	83
34) Hexachlorobutadiene	10.86	225	124742	42.00	ng		93
35) Caprolactam	11.56	113	57029m	39.04	ng		
36) 4-Chloro-3-methylphenol	11.87	107	251339	50.31	ng	#	75
37) 2-Methylnaphthalene	12.22	142	441353	47.84	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	239677	42.93	ng	#	100
40) Hexachlorocyclopentadiene	12.55	237	127067	85.53	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	166553	48.46	ng		97
43) 2,4,5-Trichlorophenol	12.93	196	174973	46.87	ng	#	85
45) 1,1'-Biphenyl	13.24	154	604765	47.38	ng		93
46) 2-Chloronaphthalene	13.29	162	476626	47.52	ng	#	92
47) 2-Nitroaniline	13.52	65	250098	55.08	ng	#	61
48) Acenaphthylene	14.13	152	792706	50.18	ng		98
49) Dimethylphthalate	13.87	163	646391	47.81	ng	#	99
50) 2,6-Dinitrotoluene	14.01	165	137623	50.23	ng	#	28
51) Acenaphthene	14.48	154	486696	48.89	ng		96
52) 3-Nitroaniline	14.35	138	41483	14.26	ng	#	6
53) 2,4-Dinitrophenol	14.57	184	133631	81.75	ng	#	70
54) Dibenzofuran	14.82	168	797218	52.28	ng		93
55) 4-Nitrophenol	14.67	139	189215	97.11	ng	#	1
56) 2,4-Dinitrotoluene	14.81	165	213559	52.69	ng	#	55
57) Fluorene	15.46	166	669275	49.78	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.05	232	167339	51.88	ng	#	100
59) Diethylphthalate	15.24	149	718412	50.61	ng		95
60) 4-Chlorophenyl-phenylether	15.46	204	349852	47.65	ng		100
61) 4-Nitroaniline	15.52	138	132786	44.79	ng	#	1
62) Azobenzene	15.75	77	1087281	63.13	ng		79
64) 4,6-Dinitro-2-methylphenol	15.57	198	105453	42.51	ng	#	75
65) n-Nitrosodiphenylamine	15.68	169	582117	48.69	ng		98
66) 4-Bromophenyl-phenylether	16.35	248	217310	47.49	ng	#	89
67) Hexachlorobenzene	16.47	284	233475	45.97	ng	#	84
68) Atrazine	16.64	200	221203	50.63	ng		97
69) Pentachlorophenol	16.82	266	229596	91.51	ng		94
70) Phenanthrene	17.21	178	1081502	48.91	ng		100
71) Anthracene	17.30	178	1131074	50.14	ng		99
72) Carbazole	17.59	167	1039452	51.62	ng		99
73) Di-n-butylphthalate	18.12	149	1324805	51.75	ng	#	96
74) Fluoranthene	19.23	202	1392257	49.07	ng		99
76) Benzidine	19.43	184	594004	46.19	ng		99
77) Pyrene	19.60	202	1446224	47.25	ng		100
79) Butylbenzylphthalate	20.49	149	667945	52.41	ng	#	64
80) Benzo(a)anthracene	21.34	228	1540678	49.85	ng		99
81) 3,3'-Dichlorobenzidine	21.28	252	246355	21.64	ng		97
82) Chrysene	21.40	228	1357300	46.83	ng		99
83) Bis(2-ethylhexyl)phthalate	21.24	149	978812	51.43	ng		94
84) Di-n-octyl phthalate	22.13	149	1705503	52.23	ng	#	82
85) Indeno(1,2,3-cd)pyrene	25.99	276	1334492	54.63	ng	#	100
87) Benzo(b)fluoranthene	22.96	252	1426738	49.22	ng	#	96
88) Benzo(k)fluoranthene	23.00	252	1380307	50.11	ng		99
89) Benzo(a)pyrene	23.55	252	1302926	50.98	ng		100
90) Dibenzo(a,h)anthracene	25.99	278	1136209	50.38	ng	#	94
91) Benzo(g,h,i)perylene	26.70	276	1033606m	49.73	ng		

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

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