Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM009994.D
Acq On : 11 May 2017 20:54
Operator : SJ/MA
Sample : PB98840BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB98840BS

Manual Integrations APPROVED
mohammad
5/12/2017 4:30:11 PM

Quant Time: May 12 07:12:44 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	58232	20.00	ng		-0.02
21) Naphthalene-d8	10.56	136	256359	20.00	ng		-0.02
38) Acenaphthene-d10	14.42	164	166303	20.00	ng		-0.02
63) Phenanthrene-d10	17.17	188	413733	20.00	ng		-0.02
75) Chrysene-d12	21.36	240	517098	20.00	ng		-0.02
86) Perylene-d12	23.66	264	411142	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	567825	152.60	ng		-0.02
7) Phenol-d6	6.95	99	853569	143.16	ng		-0.02
23) Nitrobenzene-d5	8.93	82	616553	87.89	ng		-0.02
41) 2,4,6-Tribromophenol	15.92	330	331098	145.47	ng		-0.02
44) 2-Fluorobiphenyl	13.03	172	1152933	92.71	ng		-0.02
78) Terphenyl-d14	19.80	244	2029735	82.73	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	45142	32.74	ng	#	100
3) Pyridine	3.68	79	172217	33.89	ng	#	86
4) n-Nitrosodimethylamine	3.60	42	109852	39.47	ng	#	63
6) Aniline	7.10	93	217535	28.10	ng		90
8) 2-Chlorophenol	7.33	128	181690	44.98	ng	#	76
9) Benzaldehyde	6.93	77	27285	6.11	ng	#	71
10) Phenol	6.97	94	296744	45.80	ng		92
11) bis(2-Chloroethyl)ether	7.20	93	204081	40.51	ng		83
12) 1,3-Dichlorobenzene	7.65	146	176126	39.05	ng	#	84
13) 1,4-Dichlorobenzene	7.80	146	180106	38.97	ng	#	93
14) 1,2-Dichlorobenzene	8.11	146	175190	39.10	ng	#	91
15) Benzyl Alcohol	8.02	79	231601	45.58	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.29	45	320724	40.11	ng		98
17) 2-Methylphenol	8.22	107	181011	42.80	ng	#	87
18) Hexachloroethane	8.82	117	79565	41.53	ng		92
19) n-Nitroso-di-n-propylamine	8.57	70	213614	39.49	ng		92
20) 3+4-Methylphenols	8.55	107	247941	43.06	ng		90
22) Acetophenone	8.60	105	321518	41.02	ng	#	89
24) Nitrobenzene	8.98	77	314678	42.15	ng	#	88
25) Isophorone	9.50	82	519626	43.04	ng	#	84
26) 2-Nitrophenol	9.69	139	100113	44.54	ng	#	38
27) 2,4-Dimethylphenol	9.74	122	193495	45.99	ng	#	83
28) bis(2-Chloroethoxy)methane	9.97	93	308172	42.37	ng		98
29) 2,4-Dichlorophenol	10.22	162	188827	46.12	ng		96
30) 1,2,4-Trichlorobenzene	10.42	180	195640	40.93	ng		96
31) Naphthalene	10.61	128	559619	39.65	ng		98
32) Benzoic acid	9.92	122	120414	42.78	ng	#	70
33) 4-Chloroaniline	10.75	127	85350	14.23	ng	#	81
34) Hexachlorobutadiene	10.87	225	126519	38.90	ng		94
35) Caprolactam	11.56	113	65036m	40.66	ng		
36) 4-Chloro-3-methylphenol	11.87	107	234856	42.93	ng	#	80
37) 2-Methylnaphthalene	12.22	142	439726	43.53	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	249136	41.16	ng	#	100
40) Hexachlorocyclopentadiene	12.56	237	147590	89.06	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	166782	44.76	ng		98
43) 2,4,5-Trichlorophenol	12.93	196	172293	42.56	ng	#	85
45) 1,1'-Biphenyl	13.25	154	584537	42.24	ng		96
46) 2-Chloronaphthalene	13.29	162	459361	42.24	ng		96
47) 2-Nitroaniline	13.52	65	211477	42.95	ng	#	67
48) Acenaphthylene	14.14	152	760112	44.38	ng		99
49) Dimethylphthalate	13.88	163	601548	41.04	ng	#	98
50) 2,6-Dinitrotoluene	14.02	165	130118	43.80	ng	#	55
51) Acenaphthene	14.48	154	463863	42.98	ng		98
52) 3-Nitroaniline	14.36	138	81837	25.94	ng	#	49
53) 2,4-Dinitrophenol	14.57	184	144139	81.37	ng		89
54) Dibenzofuran	14.82	168	761215	46.04	ng		95
55) 4-Nitrophenol	14.68	139	193050	91.38	ng	#	23
56) 2,4-Dinitrotoluene	14.82	165	192871	43.89	ng	#	73
57) Fluorene	15.47	166	632346	43.38	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.06	232	171111	48.93	ng	#	100
59) Diethylphthalate	15.24	149	630267	40.95	ng		99
60) 4-Chlorophenyl-phenylether	15.46	204	337606	42.41	ng		98
61) 4-Nitroaniline	15.53	138	128538	39.99	ng	#	16
62) Azobenzene	15.76	77	906035	48.52	ng		84
64) 4,6-Dinitro-2-methylphenol	15.58	198	111021	41.79	ng		89
65) n-Nitrosodiphenylamine	15.69	169	545375	42.48	ng		100
66) 4-Bromophenyl-phenylether	16.36	248	213826	43.51	ng		95
67) Hexachlorobenzene	16.47	284	225480	41.34	ng	#	91
68) Atrazine	16.64	200	182753	38.95	ng		95
69) Pentachlorophenol	16.83	266	213731	80.13	ng		96
70) Phenanthrene	17.22	178	1028513	43.31	ng		99
71) Anthracene	17.31	178	1056634	43.62	ng		99
72) Carbazole	17.59	167	939228	43.43	ng		98
73) Di-n-butylphthalate	18.13	149	1130957	41.14	ng	#	96
74) Fluoranthene	19.24	202	1263841	41.48	ng		99
76) Benzidine	19.43	184	360899	27.92	ng		97
77) Pyrene	19.60	202	1326650	43.11	ng		99
79) Butylbenzylphthalate	20.49	149	540036	42.14	ng	#	66
80) Benzo(a)anthracene	21.34	228	1354163	43.59	ng		99
81) 3,3'-Dichlorobenzidine	21.29	252	374113	32.69	ng	#	98
82) Chrysene	21.40	228	1223256	41.98	ng		97
83) Bis(2-ethylhexyl)phthalate	21.25	149	786245	41.09	ng		99
84) Di-n-octyl phthalate	22.14	149	1356967	41.34	ng	#	86
85) Indeno(1,2,3-cd)pyrene	25.99	276	1121020	45.64	ng	#	100
87) Benzo(b)fluoranthene	22.96	252	1241163	44.58	ng	#	95
88) Benzo(k)fluoranthene	23.01	252	1194244	45.14	ng		98
89) Benzo(a)pyrene	23.56	252	1117236	45.51	ng		99
90) Dibenzo(a,h)anthracene	26.00	278	967762	44.67	ng	#	93
91) Benzo(g,h,i)perylene	26.71	276	860797	43.12	ng	#	90

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

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