Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051517\
Data File : BM010043.D
Acq On : 15 May 2017 17:06
Operator : SJ/MA
Sample : PB98946BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB98946BS

Manual Integrations APPROVED
mohammad
5/17/2017 2:25:07 PM

Quant Time: May 16 04:50:15 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	44492	20.00	ng		-0.02
21) Naphthalene-d8	10.55	136	190951	20.00	ng		-0.03
38) Acenaphthene-d10	14.41	164	123823	20.00	ng		-0.03
63) Phenanthrene-d10	17.17	188	309025	20.00	ng		-0.03
75) Chrysene-d12	21.36	240	427207	20.00	ng		-0.03
86) Perylene-d12	23.64	264	368381	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	441486	155.28	ng		-0.02
7) Phenol-d6	6.94	99	656824	144.18	ng		-0.03
23) Nitrobenzene-d5	8.93	82	518204	99.18	ng		-0.03
41) 2,4,6-Tribromophenol	15.92	330	245293	144.75	ng		-0.02
44) 2-Fluorobiphenyl	13.02	172	868858	93.84	ng		-0.03
78) Terphenyl-d14	19.79	244	1727170	85.21	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	39468	37.47	ng	#	100
3) Pyridine	3.68	79	134687	34.69	ng	#	84
4) n-Nitrosodimethylamine	3.59	42	118154	55.56	ng	#	43
6) Aniline	7.10	93	139253	23.54	ng	#	85
8) 2-Chlorophenol	7.33	128	145505	47.14	ng	#	74
9) Benzaldehyde	6.92	77	104217	30.56	ng	#	74
10) Phenol	6.97	94	227140	45.88	ng		95
11) bis(2-Chloroethyl)ether	7.19	93	158523	41.18	ng	#	77
12) 1,3-Dichlorobenzene	7.64	146	135829	39.42	ng	#	82
13) 1,4-Dichlorobenzene	7.79	146	140369	39.76	ng	#	87
14) 1,2-Dichlorobenzene	8.10	146	139824	40.85	ng	#	90
15) Benzyl Alcohol	8.01	79	190465	49.06	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	8.29	45	262407	42.96	ng		99
17) 2-Methylphenol	8.21	107	141833	43.89	ng	#	80
18) Hexachloroethane	8.82	117	70747	48.33	ng		97
19) n-Nitroso-di-n-propylamine	8.56	70	173439	41.96	ng	#	83
20) 3+4-Methylphenols	8.54	107	193527	43.99	ng	#	83
22) Acetophenone	8.59	105	251921	43.15	ng	#	81
24) Nitrobenzene	8.97	77	261592	47.04	ng	#	82
25) Isophorone	9.49	82	416346	46.30	ng	#	87
26) 2-Nitrophenol	9.67	139	75156	44.89	ng	#	22
27) 2,4-Dimethylphenol	9.73	122	139114	44.39	ng	#	62
28) bis(2-Chloroethoxy)methane	9.97	93	232753	42.96	ng		99
29) 2,4-Dichlorophenol	10.21	162	138588	45.45	ng		89
30) 1,2,4-Trichlorobenzene	10.41	180	148859	41.81	ng		90
31) Naphthalene	10.60	128	435369	41.41	ng		98
32) Benzoic acid	9.92	122	92915	44.32	ng	#	48
33) 4-Chloroaniline	10.74	127	50337	11.26	ng	#	77
34) Hexachlorobutadiene	10.86	225	97921	40.42	ng		96
35) Caprolactam	11.55	113	51162m	42.94	ng		
36) 4-Chloro-3-methylphenol	11.86	107	185562	45.53	ng	#	76
37) 2-Methylnaphthalene	12.22	142	331907	44.11	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	182764	40.55	ng	#	100
40) Hexachlorocyclopentadiene	12.55	237	113921	90.96	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.84	196	121138	43.66	ng		96
43) 2,4,5-Trichlorophenol	12.92	196	128055	42.49	ng	#	79
45) 1,1'-Biphenyl	13.23	154	439385	42.64	ng		93
46) 2-Chloronaphthalene	13.28	162	349555	43.17	ng		96
47) 2-Nitroaniline	13.51	65	187843	51.24	ng	#	55
48) Acenaphthylene	14.13	152	565984	44.38	ng		99
49) Dimethylphthalate	13.87	163	472707	43.31	ng		99
50) 2,6-Dinitrotoluene	14.01	165	95526	43.19	ng	#	7
51) Acenaphthene	14.47	154	344338	42.85	ng		99
52) 3-Nitroaniline	14.35	138	53530	22.79	ng	#	47
53) 2,4-Dinitrophenol	14.57	184	105400	80.07	ng	#	65
54) Dibenzofuran	14.82	168	575536	46.75	ng	#	91
55) 4-Nitrophenol	14.67	139	151553m	96.35	ng		
56) 2,4-Dinitrotoluene	14.81	165	155815	47.62	ng	#	48
57) Fluorene	15.46	166	486364	44.81	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.05	232	121751	46.76	ng	#	100
59) Diethylphthalate	15.23	149	518487	45.25	ng		97
60) 4-Chlorophenyl-phenylether	15.46	204	253402	42.75	ng		98
61) 4-Nitroaniline	15.52	138	105760	44.19	ng	#	1
62) Azobenzene	15.75	77	830686	59.74	ng		76
64) 4,6-Dinitro-2-methylphenol	15.57	198	81018	40.96	ng	#	71
65) n-Nitrosodiphenylamine	15.68	169	419750	43.77	ng		96
66) 4-Bromophenyl-phenylether	16.35	248	152255	41.48	ng	#	85
67) Hexachlorobenzene	16.46	284	167215	41.05	ng	#	80
68) Atrazine	16.63	200	165292	47.17	ng		96
69) Pentachlorophenol	16.82	266	159817	80.22	ng		92
70) Phenanthrene	17.21	178	781885	44.08	ng		97
71) Anthracene	17.30	178	819633	45.30	ng		99
72) Carbazole	17.58	167	747491	46.28	ng		98
73) Di-n-butylphthalate	18.12	149	962555	46.87	ng	#	96
74) Fluoranthene	19.23	202	1000044	43.94	ng		98
76) Benzidine	19.43	184	562899	52.70	ng		99
77) Pyrene	19.60	202	1047972	41.22	ng		100
79) Butylbenzylphthalate	20.48	149	500732	47.30	ng	#	50
80) Benzo(a)anthracene	21.34	228	1151987	44.88	ng		98
81) 3,3'-Dichlorobenzidine	21.28	252	251912	26.64	ng	#	94
82) Chrysene	21.40	228	1039368	43.18	ng		97
83) Bis(2-ethylhexyl)phthalate	21.24	149	762803	48.25	ng		93
84) Di-n-octyl phthalate	22.13	149	1322329	48.76	ng	#	78
85) Indeno(1,2,3-cd)pyrene	25.99	276	1059797	52.23	ng	#	100
87) Benzo(b)fluoranthene	22.96	252	1115149	44.70	ng	#	95
88) Benzo(k)fluoranthene	23.00	252	1058426	44.65	ng		98
89) Benzo(a)pyrene	23.55	252	1017342	46.26	ng		99
90) Dibenzo(a,h)anthracene	25.99	278	899048	46.32	ng	#	95
91) Benzo(g,h,i)perylene	26.70	276	814097	45.51	ng	#	90

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

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