Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050517\
Data File : BM009906.D
Acq On : 05 May 2017 17:27
Operator : SJ/MA
Sample : PB98666BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB98666BS

Manual Integrations APPROVED
mohammad
5/8/2017 2:49:18 PM

Quant Time: May 06 00:32:01 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 14:52:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	106181	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	461874	20.00	ng		0.00
38) Acenaphthene-d10	14.43	164	284518	20.00	ng		0.00
63) Phenanthrene-d10	17.19	188	693743	20.00	ng		0.00
75) Chrysene-d12	21.38	240	884312	20.00	ng		0.00
86) Perylene-d12	23.69	264	861435	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	694901	104.19	ng		0.00
7) Phenol-d6	6.96	99	1046015	102.32	ng		0.00
23) Nitrobenzene-d5	8.95	82	761443	59.66	ng		0.00
41) 2,4,6-Tribromophenol	15.94	330	391644	100.79	ng		0.00
44) 2-Fluorobiphenyl	13.05	172	1388575	63.59	ng		0.00
78) Terphenyl-d14	19.82	244	2364442	54.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	55965	21.85	ng	#	100
3) Pyridine	3.69	79	196947	22.36	ng	#	74
4) n-Nitrosodimethylamine	3.60	42	152492	26.54	ng	#	54
6) Aniline	7.12	93	275414	20.38	ng	#	83
8) 2-Chlorophenol	7.35	128	237345	31.97	ng	#	74
9) Benzaldehyde	6.93	77	54295	6.69	ng		83
10) Phenol	6.99	94	364197	32.54	ng		91
11) bis(2-Chloroethyl)ether	7.21	93	243668	27.35	ng	#	80
12) 1,3-Dichlorobenzene	7.66	146	207618	25.23	ng	#	84
13) 1,4-Dichlorobenzene	7.82	146	218195	25.72	ng	#	89
14) 1,2-Dichlorobenzene	8.13	146	218226	26.77	ng	#	88
15) Benzyl Alcohol	8.03	79	302919	31.99	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.31	45	435470	26.45	ng		97
17) 2-Methylphenol	8.23	107	229856	30.50	ng	#	83
18) Hexachloroethane	8.85	117	98126	26.11	ng		94
19) n-Nitroso-di-n-propylamine	8.59	70	264119	27.25	ng	#	82
20) 3+4-Methylphenols	8.56	107	322839	31.17	ng		86
22) Acetophenone	8.61	105	412310	28.53	ng	#	83
24) Nitrobenzene	9.00	77	382157	28.85	ng	#	88
25) Isophorone	9.52	82	660969	29.36	ng	#	87
26) 2-Nitrophenol	9.70	139	123536	28.83	ng	#	42
27) 2,4-Dimethylphenol	9.76	122	235679	30.56	ng	#	74
28) bis(2-Chloroethoxy)methane	9.99	93	369275	28.18	ng		97
29) 2,4-Dichlorophenol	10.24	162	239564	32.41	ng		96
30) 1,2,4-Trichlorobenzene	10.44	180	230900	26.73	ng		99
31) Naphthalene	10.63	128	681043	26.82	ng		98
32) Benzoic acid	9.94	122	154835	30.58	ng	#	65
33) 4-Chloroaniline	10.76	127	139380	13.01	ng	#	72
34) Hexachlorobutadiene	10.89	225	155317	25.84	ng		97
35) Caprolactam	11.57	113	86994m	30.86	ng		
36) 4-Chloro-3-methylphenol	11.89	107	300924	29.98	ng	#	76
37) 2-Methylnaphthalene	12.25	142	521393	29.06	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	282113	27.56	ng	#	100
40) Hexachlorocyclopentadiene	12.57	237	189370	65.12	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.87	196	212145	32.08	ng		100
43) 2,4,5-Trichlorophenol	12.95	196	218734	30.74	ng	#	85
45) 1,1'-Biphenyl	13.26	154	701994	28.98	ng		96
46) 2-Chloronaphthalene	13.31	162	551005	28.78	ng		95
47) 2-Nitroaniline	13.53	65	277461	30.01	ng	#	69
48) Acenaphthylene	14.16	152	900250	29.96	ng		99
49) Dimethylphthalate	13.90	163	765281	28.23	ng		99
50) 2,6-Dinitrotoluene	14.03	165	160123	30.29	ng	#	46
51) Acenaphthene	14.50	154	538134	29.02	ng		97
52) 3-Nitroaniline	14.36	138	100651	17.60	ng	#	46
53) 2,4-Dinitrophenol	14.59	184	174554	59.49	ng	#	76
54) Dibenzofuran	14.84	168	910805	32.11	ng		94
55) 4-Nitrophenol	14.69	139	240805	62.67	ng	#	1
56) 2,4-Dinitrotoluene	14.83	165	245829	32.00	ng	#	73
57) Fluorene	15.49	166	734745	29.36	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.07	232	185742	34.08	ng	#	100
59) Diethylphthalate	15.26	149	806991	27.87	ng		96
60) 4-Chlorophenyl-phenylether	15.48	204	381825	28.75	ng		100
61) 4-Nitroaniline	15.53	138	163212	28.49	ng	#	21
62) Azobenzene	15.77	77	1090387	33.80	ng		80
64) 4,6-Dinitro-2-methylphenol	15.60	198	124345	29.22	ng	#	79
65) n-Nitrosodiphenylamine	15.70	169	649669	29.55	ng		99
66) 4-Bromophenyl-phenylether	16.37	248	241189	29.72	ng	#	90
67) Hexachlorobenzene	16.49	284	265902	28.77	ng	#	87
68) Atrazine	16.66	200	253093	30.06	ng		95
69) Pentachlorophenol	16.85	266	238997	59.52	ng		98
70) Phenanthrene	17.23	178	1173962	29.23	ng		99
71) Anthracene	17.33	178	1221040	30.15	ng		99
72) Carbazole	17.60	167	1113134	30.32	ng		99
73) Di-n-butylphthalate	18.15	149	1449967	27.49	ng	#	97
74) Fluoranthene	19.26	202	1454578	28.70	ng		99
76) Benzidine	19.45	184	842684	31.59	ng		99
77) Pyrene	19.62	202	1501873	28.43	ng		99
79) Butylbenzylphthalate	20.50	149	698631	27.43	ng	#	68
80) Benzo(a)anthracene	21.36	228	1580671	29.68	ng		99
81) 3,3'-Dichlorobenzidine	21.30	252	374832	17.71	ng		99
82) Chrysene	21.42	228	1416013	28.28	ng		98
83) Bis(2-ethylhexyl)phthalate	21.27	149	1031018	26.32	ng		95
84) Di-n-octyl phthalate	22.16	149	1820679	26.76	ng	#	83
85) Indeno(1,2,3-cd)pyrene	26.04	276	1894265	33.55	ng	#	100
87) Benzo(b)fluoranthene	22.99	252	1598086	29.11	ng	#	96
88) Benzo(k)fluoranthene	23.03	252	1545688	28.96	ng		98
89) Benzo(a)pyrene	23.59	252	1538031	29.86	ng		98
90) Dibenzo(a,h)anthracene	26.04	278	1634541	31.63	ng	#	93
91) Benzo(g,h,i)perylene	26.77	276	1505527	31.06	ng	#	92

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

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