Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050517\
Data File : BM009907.D
Acq On : 05 May 2017 18:03
Operator : SJ/MA
Sample : PB98666BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB98666BSD

Manual Integrations APPROVED
mohammad
5/8/2017 2:49:21 PM

Quant Time: May 06 00:33:33 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	101823	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	443884	20.00	ng		0.00
38) Acenaphthene-d10	14.44	164	272778	20.00	ng		0.00
63) Phenanthrene-d10	17.19	188	634251	20.00	ng		0.00
75) Chrysene-d12	21.38	240	745789	20.00	ng		0.00
86) Perylene-d12	23.69	264	669324	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	856237	133.88	ng		0.00
7) Phenol-d6	6.97	99	1278553	130.41	ng		0.00
23) Nitrobenzene-d5	8.95	82	928390	75.69	ng		0.00
41) 2,4,6-Tribromophenol	15.94	330	456238	122.46	ng		0.00
44) 2-Fluorobiphenyl	13.05	172	1678451	80.17	ng		0.00
78) Terphenyl-d14	19.82	244	2635339	72.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	67470	27.47	ng	#	100
3) Pyridine	3.69	79	241847	28.63	ng	#	73
4) n-Nitrosodimethylamine	3.60	42	189921	34.47	ng	#	54
6) Aniline	7.12	93	296730	22.89	ng	#	83
8) 2-Chlorophenol	7.35	128	299826	42.11	ng	#	74
9) Benzaldehyde	6.93	77	69191	8.88	ng		85
10) Phenol	6.99	94	465720	43.39	ng		91
11) bis(2-Chloroethyl)ether	7.21	93	302998	35.47	ng	#	79
12) 1,3-Dichlorobenzene	7.67	146	269923	34.21	ng	#	84
13) 1,4-Dichlorobenzene	7.82	146	277010	34.06	ng	#	93
14) 1,2-Dichlorobenzene	8.13	146	275317	35.22	ng	#	92
15) Benzyl Alcohol	8.03	79	380512	41.91	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.31	45	550618	34.87	ng		97
17) 2-Methylphenol	8.23	107	288749	39.95	ng	#	85
18) Hexachloroethane	8.85	117	126653	35.14	ng		93
19) n-Nitroso-di-n-propylamine	8.59	70	332724	35.80	ng	#	81
20) 3+4-Methylphenols	8.56	107	400941	40.37	ng		89
22) Acetophenone	8.61	105	503621	36.27	ng	#	84
24) Nitrobenzene	8.99	77	477550	37.51	ng	#	85
25) Isophorone	9.52	82	816362	37.73	ng	#	87
26) 2-Nitrophenol	9.70	139	154535	37.53	ng	#	36
27) 2,4-Dimethylphenol	9.76	122	303060	40.89	ng	#	80
28) bis(2-Chloroethoxy)methane	9.99	93	460594	36.58	ng		99
29) 2,4-Dichlorophenol	10.24	162	303256	42.69	ng		93
30) 1,2,4-Trichlorobenzene	10.44	180	299183	36.04	ng		97
31) Naphthalene	10.63	128	866259	35.49	ng		98
32) Benzoic acid	9.95	122	191701	39.40	ng	#	74
33) 4-Chloroaniline	10.76	127	99224	9.64	ng	#	75
34) Hexachlorobutadiene	10.89	225	191986	33.23	ng		98
35) Caprolactam	11.57	113	98026m	36.18	ng		
36) 4-Chloro-3-methylphenol	11.89	107	373131	38.68	ng	#	76
37) 2-Methylnaphthalene	12.25	142	662333	38.42	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	367695	37.47	ng	#	100
40) Hexachlorocyclopentadiene	12.57	237	249414	78.81	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.87	196	256315	40.42	ng		99
43) 2,4,5-Trichlorophenol	12.95	196	264027	38.70	ng	#	87
45) 1,1'-Biphenyl	13.26	154	880394	37.91	ng		94
46) 2-Chloronaphthalene	13.31	162	686522	37.40	ng		96
47) 2-Nitroaniline	13.53	65	329402	37.16	ng	#	68
48) Acenaphthylene	14.16	152	1115431	38.71	ng		99
49) Dimethylphthalate	13.90	163	931768	35.85	ng		98
50) 2,6-Dinitrotoluene	14.03	165	197979	39.07	ng	#	53
51) Acenaphthene	14.50	154	668943	37.63	ng		100
52) 3-Nitroaniline	14.37	138	97190	17.73	ng	#	47
53) 2,4-Dinitrophenol	14.59	184	204572	70.80	ng	#	77
54) Dibenzofuran	14.84	168	1119701	41.18	ng		92
55) 4-Nitrophenol	14.69	139	290123	78.76	ng	#	1
56) 2,4-Dinitrotoluene	14.83	165	289108	39.25	ng	#	74
57) Fluorene	15.49	166	915919	38.18	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.07	232	233070	44.61	ng	#	100
59) Diethylphthalate	15.26	149	976649	35.18	ng		97
60) 4-Chlorophenyl-phenylether	15.48	204	482366	37.89	ng		98
61) 4-Nitroaniline	15.54	138	186747	34.01	ng	#	14
62) Azobenzene	15.77	77	1339427	43.31	ng		80
64) 4,6-Dinitro-2-methylphenol	15.60	198	151683	37.02	ng	#	81
65) n-Nitrosodiphenylamine	15.70	169	794971	39.55	ng		97
66) 4-Bromophenyl-phenylether	16.37	248	290931	39.21	ng	#	87
67) Hexachlorobenzene	16.49	284	316937	37.50	ng	#	82
68) Atrazine	16.66	200	301790	39.20	ng		98
69) Pentachlorophenol	16.85	266	290026	76.49	ng		97
70) Phenanthrene	17.23	178	1427479	38.88	ng		100
71) Anthracene	17.33	178	1455708	39.31	ng		99
72) Carbazole	17.60	167	1302757	38.81	ng		100
73) Di-n-butylphthalate	18.14	149	1702634	35.31	ng	#	96
74) Fluoranthene	19.26	202	1681732	36.29	ng		98
76) Benzidine	19.44	184	802514	35.67	ng		100
77) Pyrene	19.62	202	1730703	38.85	ng		99
79) Butylbenzylphthalate	20.50	149	787344	36.65	ng	#	67
80) Benzo(a)anthracene	21.36	228	1768762	39.38	ng		99
81) 3,3'-Dichlorobenzidine	21.30	252	338081	18.94	ng		99
82) Chrysene	21.42	228	1546039	36.61	ng		97
83) Bis(2-ethylhexyl)phthalate	21.27	149	1151874	34.86	ng		95
84) Di-n-octyl phthalate	22.16	149	1944259	33.89	ng	#	82
85) Indeno(1,2,3-cd)pyrene	26.04	276	1912640	40.17	ng	#	100
87) Benzo(b)fluoranthene	22.99	252	1691901	39.67	ng	#	96
88) Benzo(k)fluoranthene	23.03	252	1644772	39.66	ng		98
89) Benzo(a)pyrene	23.59	252	1633100	40.81	ng		99
90) Dibenzo(a,h)anthracene	26.04	278	1630821	40.62	ng	#	95
91) Benzo(g,h,i)perylene	26.76	276	1513458	40.19	ng	#	93

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

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