Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052517\
Data File : BM010247.D
Acq On : 26 May 2017 09:10
Operator : SJ/MA
Sample : I3308-08MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-18-COMPMSD

Manual Integrations APPROVED
mohammad
5/31/2017 8:58:11 AM

Quant Time: May 26 19:08:02 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	122852	20.00	ng		-0.04
21) Naphthalene-d8	10.75	136	417415	20.00	ng		-0.04
38) Acenaphthene-d10	14.57	164	258339	20.00	ng		-0.04
63) Phenanthrene-d10	17.32	188	576780	20.00	ng		-0.03
75) Chrysene-d12	21.48	240	915419	20.00	ng		-0.03
86) Perylene-d12	23.84	264	1071526	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1126266	165.55	ng		-0.03
7) Phenol-d6	7.13	99	1350866	154.32	ng		-0.04
23) Nitrobenzene-d5	9.13	82	947734	122.50	ng		-0.04
41) 2,4,6-Tribromophenol	16.07	330	637773	162.55	ng		-0.03
44) 2-Fluorobiphenyl	13.20	172	2323573	115.63	ng		-0.04
78) Terphenyl-d14	19.92	244	3548735	88.15	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	144458	46.21	ng	#	100
3) Pyridine	3.84	79	374701	44.78	ng		89
4) n-Nitrosodimethylamine	3.76	42	209676	69.28	ng	#	74
6) Aniline	7.30	93	254846	23.50	ng		94
8) 2-Chlorophenol	7.52	128	359063	48.51	ng		94
9) Benzaldehyde	7.10	77	101318	18.59	ng		83
10) Phenol	7.16	94	466860	50.61	ng		94
11) bis(2-Chloroethyl)ether	7.37	93	357518	51.99	ng		96
12) 1,3-Dichlorobenzene	7.82	146	439480	46.72	ng	#	92
13) 1,4-Dichlorobenzene	7.97	146	443596	45.91	ng	#	94
14) 1,2-Dichlorobenzene	8.29	146	426495	45.98	ng	#	95
15) Benzyl Alcohol	8.20	79	300997	45.45	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.47	45	266812	39.46	ng		73
17) 2-Methylphenol	8.40	107	299617	45.64	ng	#	84
18) Hexachloroethane	9.01	117	154388	49.29	ng	#	78
19) n-Nitroso-di-n-propylamine	8.75	70	308475	49.92	ng		92
20) 3+4-Methylphenols	8.73	107	411325	46.40	ng		87
22) Acetophenone	8.78	105	552868	51.67	ng	#	95
24) Nitrobenzene	9.17	77	474455	59.53	ng		92
25) Isophorone	9.67	82	737270	55.15	ng	#	92
26) 2-Nitrophenol	9.87	139	186972	55.65	ng	#	60
27) 2,4-Dimethylphenol	9.93	122	296914	48.94	ng	#	80
28) bis(2-Chloroethoxy)methane	10.16	93	404999	47.73	ng		97
29) 2,4-Dichlorophenol	10.40	162	381453	54.61	ng		96
30) 1,2,4-Trichlorobenzene	10.60	180	469943	52.00	ng		97
31) Naphthalene	10.80	128	1024931	45.90	ng		98
32) Benzoic acid	10.03	122	55901	13.52	ng	#	79
33) 4-Chloroaniline	10.98	127	296443m	34.46	ng		
34) Hexachlorobutadiene	11.05	225	328300	54.46	ng		97
35) Caprolactam	11.76	113	84381m	42.10	ng		
36) 4-Chloro-3-methylphenol	12.05	107	354655	46.88	ng		85
37) 2-Methylnaphthalene	12.40	142	799064	49.70	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.75	216	539709	54.33	ng	#	100
40) Hexachlorocyclopentadiene	12.72	237	752596	131.21	ng		99

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42) 2,4,6-Trichlorophenol	13.01	196	332845	56.88	ng		98
43) 2,4,5-Trichlorophenol	13.09	196	344610	53.30	ng	#	93
45) 1,1'-Biphenyl	13.41	154	1075671	50.63	ng		99
46) 2-Chloronaphthalene	13.46	162	859829	49.99	ng		98
47) 2-Nitroaniline	13.69	65	242766	54.89	ng	#	77
48) Acenaphthylene	14.30	152	1279875	50.32	ng		100
49) Dimethylphthalate	14.04	163	1394511	60.52	ng	#	99
50) 2,6-Dinitrotoluene	14.17	165	224041	51.20	ng	#	81
51) Acenaphthene	14.64	154	780653	49.37	ng		99
52) 3-Nitroaniline	14.53	138	169862	41.77	ng	#	66
53) 2,4-Dinitrophenol	14.71	184	249279	85.29	ng		90
54) Dibenzofuran	14.97	168	1320581	53.12	ng		96
55) 4-Nitrophenol	14.83	139	295498	90.28	ng	#	18
56) 2,4-Dinitrotoluene	14.96	165	309706	50.03	ng	#	88
57) Fluorene	15.62	166	1060416	49.05	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.20	232	317063	57.57	ng	#	100
59) Diethylphthalate	15.39	149	977499	44.87	ng		98
60) 4-Chlorophenyl-phenylether	15.61	204	601784	49.57	ng		97
61) 4-Nitroaniline	15.69	138	170633	41.33	ng	#	6
62) Azobenzene	15.90	77	1015748	63.40	ng		89
64) 4,6-Dinitro-2-methylphenol	15.70	198	197350	56.01	ng		82
65) n-Nitrosodiphenylamine	15.83	169	895197	51.79	ng		99
66) 4-Bromophenyl-phenylether	16.50	248	395256	53.53	ng		95
67) Hexachlorobenzene	16.60	284	435711	48.57	ng	#	93
68) Atrazine	16.78	200	331267	50.54	ng		96
69) Pentachlorophenol	16.96	266	522851	106.12	ng		99
70) Phenanthrene	17.36	178	1625832	50.38	ng		99
71) Anthracene	17.46	178	1654897	51.67	ng		99
72) Carbazole	17.74	167	1438956	50.75	ng		99
73) Di-n-butylphthalate	18.26	149	1570426	46.71	ng	#	98
74) Fluoranthene	19.37	202	2075645	49.54	ng		97
76) Benzidine	19.58	184	1017653	60.27	ng		98
77) Pyrene	19.73	202	2159229	43.99	ng		99
79) Butylbenzylphthalate	20.60	149	765781	42.15	ng	#	83
80) Benzo(a)anthracene	21.46	228	2526570	50.08	ng		99
81) 3,3'-Dichlorobenzidine	21.41	252	949889	46.81	ng	#	96
82) Chrysene	21.52	228	2294635	47.95	ng		99
83) Bis(2-ethylhexyl)phthalate	21.35	149	1183296	43.55	ng	#	98
84) Di-n-octyl phthalate	22.25	149	2237514	46.00	ng	#	99
85) Indeno(1,2,3-cd)pyrene	26.25	276	4150954	59.16	ng	#	100
87) Benzo(b)fluoranthene	23.12	252	3177273	50.67	ng	#	91
88) Benzo(k)fluoranthene	23.17	252	2966996	48.29	ng	#	95
89) Benzo(a)pyrene	23.73	252	3126852	52.33	ng	#	96
90) Dibenzo(a,h)anthracene	26.26	278	3423698	51.24	ng	#	92
91) Benzo(g,h,i)perylene	27.00	276	3357370	51.28	ng	#	86

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

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