Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM009997.D
Acq On : 11 May 2017 22:42
Operator : SJ/MA
Sample : I3058-10MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LF017MW003-170508MSD

Quant Time: May 12 06:57:03 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	61819	20.00	ng		-0.02
21) Naphthalene-d8	10.56	136	271742	20.00	ng		-0.02
38) Acenaphthene-d10	14.42	164	180152	20.00	ng		-0.02
63) Phenanthrene-d10	17.17	188	450906	20.00	ng		-0.02
75) Chrysene-d12	21.36	240	539192	20.00	ng		-0.02
86) Perylene-d12	23.66	264	389289	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	263191	66.63	ng		-0.02
7) Phenol-d6	6.95	99	253473	40.04	ng		-0.02
23) Nitrobenzene-d5	8.94	82	751385	101.05	ng		-0.02
41) 2,4,6-Tribromophenol	15.92	330	421169	170.82	ng		-0.02
44) 2-Fluorobiphenyl	13.03	172	1459021	108.31	ng		-0.02
78) Terphenyl-d14	19.80	244	2639875	103.19	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	22494	15.37	ng	#	100
3) Pyridine	3.69	79	76625	14.21	ng		96
4) n-Nitrosodimethylamine	3.60	42	47776	16.17	ng	#	69
6) Aniline	7.10	93	218725	26.61	ng		96
8) 2-Chlorophenol	7.33	128	157646	36.76	ng		80
9) Benzaldehyde	6.93	77	31448	6.64	ng		81
10) Phenol	6.97	94	94110	13.68	ng		90
11) bis(2-Chloroethyl)ether	7.20	93	223529	41.80	ng		83
12) 1,3-Dichlorobenzene	7.65	146	166252	34.73	ng	#	85
13) 1,4-Dichlorobenzene	7.80	146	169468	34.54	ng	#	91
14) 1,2-Dichlorobenzene	8.11	146	171542	36.07	ng	#	91
15) Benzyl Alcohol	8.02	79	161486	29.93	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.29	45	351245	41.38	ng		99
17) 2-Methylphenol	8.22	107	130746	29.12	ng	#	82
18) Hexachloroethane	8.82	117	71267	35.04	ng		88
19) n-Nitroso-di-n-propylamine	8.57	70	246667	42.95	ng	#	90
20) 3+4-Methylphenols	8.55	107	160344	26.23	ng		89
22) Acetophenone	8.60	105	375701	45.22	ng	#	90
24) Nitrobenzene	8.98	77	357215	45.14	ng	#	89
25) Isophorone	9.50	82	631661	49.36	ng	#	87
26) 2-Nitrophenol	9.69	139	111714	46.89	ng	#	46
27) 2,4-Dimethylphenol	9.74	122	192469	43.15	ng	#	85
28) bis(2-Chloroethoxy)methane	9.97	93	353499	45.85	ng		97
29) 2,4-Dichlorophenol	10.22	162	197280	45.46	ng		94
30) 1,2,4-Trichlorobenzene	10.42	180	206469	40.75	ng		97
31) Naphthalene	10.60	128	609181	40.72	ng		98
32) Benzoic acid	9.88	122	28391	9.52	ng	#	82
33) 4-Chloroaniline	10.74	127	224926	35.37	ng	#	79
34) Hexachlorobutadiene	10.86	225	126248	36.62	ng		97
35) Caprolactam	11.57	113	10619	6.26	ng		96
36) 4-Chloro-3-methylphenol	11.86	107	232892	40.16	ng	#	79
37) 2-Methylnaphthalene	12.22	142	498435	46.54	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	288073	43.93	ng	#	100
40) Hexachlorocyclopentadiene	12.56	237	159824	89.04	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	195521	48.44	ng		99
43) 2,4,5-Trichlorophenol	12.93	196	203006	46.29	ng	#	87
45) 1,1'-Biphenyl	13.25	154	706798	47.14	ng		95
46) 2-Chloronaphthalene	13.29	162	541813	45.99	ng		97
47) 2-Nitroaniline	13.52	65	260867	48.91	ng	#	64
48) Acenaphthylene	14.14	152	892031	48.08	ng		99
49) Dimethylphthalate	13.88	163	795948	50.12	ng	#	99
50) 2,6-Dinitrotoluene	14.02	165	158876	49.37	ng	#	57
51) Acenaphthene	14.48	154	557115	47.65	ng		99
52) 3-Nitroaniline	14.35	138	133268	38.99	ng	#	46
53) 2,4-Dinitrophenol	14.57	184	174722	89.98	ng		90
54) Dibenzofuran	14.82	168	931640	52.02	ng		95
55) 4-Nitrophenol	14.68	139	65962	28.82	ng	#	19
56) 2,4-Dinitrotoluene	14.82	165	241765	50.78	ng	#	73
57) Fluorene	15.47	166	778527	49.30	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.05	232	196049	51.75	ng	#	100
59) Diethylphthalate	15.24	149	777566	46.64	ng		100
60) 4-Chlorophenyl-phenylether	15.46	204	419523	48.65	ng		96
61) 4-Nitroaniline	15.53	138	160867	46.20	ng	#	18
62) Azobenzene	15.76	77	1113799	55.06	ng		84
64) 4,6-Dinitro-2-methylphenol	15.58	198	134136	45.69	ng		85
65) n-Nitrosodiphenylamine	15.69	169	683293	48.83	ng		97
66) 4-Bromophenyl-phenylether	16.36	248	260653	48.67	ng	#	91
67) Hexachlorobenzene	16.47	284	277261	46.65	ng	#	93
68) Atrazine	16.64	200	256864	50.23	ng		96
69) Pentachlorophenol	16.83	266	253362	86.63	ng		98
70) Phenanthrene	17.22	178	1263617	48.82	ng		100
71) Anthracene	17.31	178	1325760	50.22	ng		99
72) Carbazole	17.59	167	1176013	49.90	ng		98
73) Di-n-butylphthalate	18.13	149	1441101	48.09	ng	#	97
74) Fluoranthene	19.24	202	1580225	47.59	ng		98
76) Benzidine	19.43	184	774121	57.43	ng		99
77) Pyrene	19.60	202	1607231	50.09	ng		98
79) Butylbenzylphthalate	20.49	149	692022	51.79	ng	#	64
80) Benzo(a)anthracene	21.35	228	1611065	49.73	ng		96
81) 3,3'-Dichlorobenzidine	21.29	252	517153	43.33	ng	#	98
82) Chrysene	21.40	228	1435340	47.24	ng		99
83) Bis(2-ethylhexyl)phthalate	21.25	149	1037410	52.00	ng		99
84) Di-n-octyl phthalate	22.14	149	1648748	48.17	ng	#	87
85) Indeno(1,2,3-cd)pyrene	25.99	276	1196972	46.74	ng	#	100
87) Benzo(b)fluoranthene	22.96	252	1344185	50.99	ng	#	96
88) Benzo(k)fluoranthene	23.01	252	1299132	51.86	ng		97
89) Benzo(a)pyrene	23.56	252	1196367	51.47	ng		99
90) Dibenzo(a,h)anthracene	26.00	278	1028040	50.12	ng	#	96
91) Benzo(g,h,i)perylene	26.71	276	942557	49.87	ng	#	93

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

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