Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051517\
Data File : BM010047.D
Acq On : 15 May 2017 19:31
Operator : SJ/MA
Sample : I3121-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RO-1540-COMPMSD

Quant Time: May 16 04:20:52 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	45073	20.00	ng		-0.02
21) Naphthalene-d8	10.55	136	169170	20.00	ng		-0.03
38) Acenaphthene-d10	14.41	164	89225	20.00	ng		-0.03
63) Phenanthrene-d10	17.16	188	194181	20.00	ng		-0.04
75) Chrysene-d12	21.36	240	248476	20.00	ng		-0.03
86) Perylene-d12	23.65	264	215829	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	389474	135.22	ng		-0.02
7) Phenol-d6	6.94	99	493291	106.89	ng		-0.03
23) Nitrobenzene-d5	8.93	82	464918	100.43	ng		-0.03
41) 2,4,6-Tribromophenol	15.91	330	155498	127.34	ng		-0.03
44) 2-Fluorobiphenyl	13.02	172	659714	98.88	ng		-0.03
78) Terphenyl-d14	19.79	244	996748	84.54	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	48765	45.70	ng	#	100
3) Pyridine	3.69	79	88359	22.47	ng	#	83
4) n-Nitrosodimethylamine	3.60	42	122696	56.96	ng	#	45
6) Aniline	7.10	93	84181	14.05	ng	#	87
8) 2-Chlorophenol	7.33	128	129921	41.55	ng	#	72
9) Benzaldehyde	6.92	77	86525	25.05	ng	#	76
10) Phenol	6.96	94	180505	35.99	ng		97
11) bis(2-Chloroethyl)ether	7.19	93	155316	39.83	ng		83
12) 1,3-Dichlorobenzene	7.65	146	145639	41.72	ng	#	77
13) 1,4-Dichlorobenzene	7.79	146	146416	40.93	ng	#	92
14) 1,2-Dichlorobenzene	8.10	146	140655	40.56	ng	#	89
15) Benzyl Alcohol	8.02	79	162448	41.30	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	8.29	45	253283	40.93	ng		98
17) 2-Methylphenol	8.21	107	115629	35.32	ng	#	72
18) Hexachloroethane	8.82	117	70945	47.84	ng		97
19) n-Nitroso-di-n-propylamine	8.57	70	155316	37.09	ng	#	81
20) 3+4-Methylphenols	8.55	107	156623	35.14	ng		82
22) Acetophenone	8.59	105	231436	44.75	ng	#	80
24) Nitrobenzene	8.97	77	240175	48.75	ng	#	84
25) Isophorone	9.49	82	359381	45.11	ng	#	85
26) 2-Nitrophenol	9.68	139	67394	45.43	ng	#	28
27) 2,4-Dimethylphenol	9.73	122	119976	43.21	ng	#	81
28) bis(2-Chloroethoxy)methane	9.97	93	202274	42.15	ng	#	97
29) 2,4-Dichlorophenol	10.22	162	113637	42.06	ng		91
30) 1,2,4-Trichlorobenzene	10.41	180	134340	42.59	ng		96
31) Naphthalene	10.60	128	403654	43.34	ng		99
32) Benzoic acid	9.92	122	63984	34.45	ng	#	66
33) 4-Chloroaniline	10.75	127	19178	4.84	ng	#	75
34) Hexachlorobutadiene	10.86	225	95966	44.71	ng		97
35) Caprolactam	11.55	113	27320	25.88	ng	#	50
36) 4-Chloro-3-methylphenol	11.86	107	136363	37.77	ng	#	74
37) 2-Methylnaphthalene	12.22	142	278474	41.77	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	151989	46.80	ng	#	100
40) Hexachlorocyclopentadiene	12.55	237	98286	101.03	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.84	196	93254	46.64	ng	#	93
43) 2,4,5-Trichlorophenol	12.93	196	86780	39.96	ng	#	79
45) 1,1'-Biphenyl	13.23	154	352205	47.43	ng		94
46) 2-Chloronaphthalene	13.28	162	279153	47.84	ng	#	90
47) 2-Nitroaniline	13.52	65	129954	49.20	ng	#	59
48) Acenaphthylene	14.13	152	434012	47.23	ng		98
49) Dimethylphthalate	13.87	163	333467	42.40	ng	#	98
50) 2,6-Dinitrotoluene	14.00	165	68402	42.92	ng	#	12
51) Acenaphthene	14.47	154	261023	45.08	ng		98
52) 3-Nitroaniline	14.35	138	30655	18.11	ng	#	47
53) 2,4-Dinitrophenol	14.57	184	71556	75.96	ng	#	63
54) Dibenzofuran	14.81	168	430633	48.55	ng	#	89
55) 4-Nitrophenol	14.67	139	86801	76.58	ng	#	1
56) 2,4-Dinitrotoluene	14.81	165	103308	43.82	ng	#	33
57) Fluorene	15.46	166	345012	44.11	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.04	232	83197	44.34	ng	#	100
59) Diethylphthalate	15.23	149	364964	44.20	ng		95
60) 4-Chlorophenyl-phenylether	15.45	204	181491	42.49	ng		97
61) 4-Nitroaniline	15.52	138	64144	37.20	ng	#	1
62) Azobenzene	15.75	77	575221	57.41	ng		77
64) 4,6-Dinitro-2-methylphenol	15.57	198	53156	42.51	ng	#	57
65) n-Nitrosodiphenylamine	15.67	169	282470	46.88	ng		99
66) 4-Bromophenyl-phenylether	16.35	248	110620	47.96	ng	#	86
67) Hexachlorobenzene	16.46	284	112536	43.96	ng	#	81
68) Atrazine	16.63	200	80737	36.67	ng		95
69) Pentachlorophenol	16.82	266	106744	84.88	ng		98
70) Phenanthrene	17.21	178	519167	46.58	ng		99
71) Anthracene	17.30	178	533352	46.91	ng		98
72) Carbazole	17.58	167	456837	45.01	ng		99
73) Di-n-butylphthalate	18.12	149	610632	47.32	ng	#	95
74) Fluoranthene	19.23	202	623922	43.63	ng		97
76) Benzidine	19.44	184	46852	7.54	ng		97
77) Pyrene	19.59	202	649189	43.90	ng		100
79) Butylbenzylphthalate	20.48	149	296060	48.08	ng	#	60
80) Benzo(a)anthracene	21.34	228	714479	47.86	ng		99
81) 3,3'-Dichlorobenzidine	21.28	252	111800	20.33	ng	#	94
82) Chrysene	21.39	228	629017	44.93	ng		99
83) Bis(2-ethylhexyl)phthalate	21.24	149	430649	46.84	ng		96
84) Di-n-octyl phthalate	22.13	149	743857	47.16	ng	#	79
85) Indeno(1,2,3-cd)pyrene	25.98	276	784343	66.46	ng	#	100
87) Benzo(b)fluoranthene	22.96	252	692144	47.36	ng	#	92
88) Benzo(k)fluoranthene	23.00	252	688128	49.55	ng	#	97
89) Benzo(a)pyrene	23.55	252	668147	51.85	ng		95
90) Dibenzo(a,h)anthracene	25.98	278	666742	58.63	ng	#	95
91) Benzo(g,h,i)perylene	26.69	276	592624	56.55	ng	#	93

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

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