Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051517\
Data File : BM010046.D
Acq On : 15 May 2017 18:55
Operator : SJ/MA
Sample : I3121-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RO-1540-COMPMS

Quant Time: May 16 04:20:18 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	49159	20.00	ng		-0.02
21) Naphthalene-d8	10.55	136	185686	20.00	ng		-0.03
38) Acenaphthene-d10	14.41	164	101072	20.00	ng		-0.03
63) Phenanthrene-d10	17.17	188	216400	20.00	ng		-0.03
75) Chrysene-d12	21.36	240	262101	20.00	ng		-0.03
86) Perylene-d12	23.64	264	224673	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	451961	143.88	ng		-0.02
7) Phenol-d6	6.95	99	594850	118.18	ng		-0.02
23) Nitrobenzene-d5	8.93	82	552561	108.75	ng		-0.03
41) 2,4,6-Tribromophenol	15.92	330	189866	137.26	ng		-0.02
44) 2-Fluorobiphenyl	13.02	172	772674	102.24	ng		-0.03
78) Terphenyl-d14	19.79	244	1112677	89.47	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	49278	42.34	ng	#	100
3) Pyridine	3.69	79	123194	28.72	ng	#	80
4) n-Nitrosodimethylamine	3.61	42	142129	60.49	ng	#	47
6) Aniline	7.10	93	62477	9.56	ng	#	83
8) 2-Chlorophenol	7.33	128	151287	44.36	ng	#	69
9) Benzaldehyde	6.92	77	91835	24.37	ng	#	77
10) Phenol	6.97	94	201950	36.92	ng		96
11) bis(2-Chloroethyl)ether	7.19	93	168288	39.57	ng		82
12) 1,3-Dichlorobenzene	7.65	146	159416	41.87	ng	#	79
13) 1,4-Dichlorobenzene	7.79	146	162449	41.64	ng		89
14) 1,2-Dichlorobenzene	8.11	146	158534	41.92	ng	#	92
15) Benzyl Alcohol	8.02	79	183660	42.81	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	8.29	45	284980	42.22	ng		95
17) 2-Methylphenol	8.21	107	136752	38.30	ng	#	77
18) Hexachloroethane	8.82	117	77645	48.01	ng		97
19) n-Nitroso-di-n-propylamine	8.57	70	186372	40.81	ng	#	82
20) 3+4-Methylphenols	8.54	107	181543	37.35	ng		83
22) Acetophenone	8.59	105	275900	48.60	ng	#	76
24) Nitrobenzene	8.97	77	277303	51.28	ng	#	82
25) Isophorone	9.49	82	429297	49.09	ng	#	87
26) 2-Nitrophenol	9.67	139	75269	46.23	ng	#	19
27) 2,4-Dimethylphenol	9.74	122	138986	45.60	ng	#	80
28) bis(2-Chloroethoxy)methane	9.97	93	233143	44.26	ng		97
29) 2,4-Dichlorophenol	10.22	162	132873	44.81	ng		88
30) 1,2,4-Trichlorobenzene	10.42	180	158736	45.84	ng		91
31) Naphthalene	10.60	128	465099	45.50	ng		97
32) Benzoic acid	9.92	122	79534	39.01	ng	#	69
33) 4-Chloroaniline	10.75	127	18708	4.30	ng	#	79
34) Hexachlorobutadiene	10.86	225	109398	46.43	ng		98
35) Caprolactam	11.55	113	31573	27.25	ng	#	41
36) 4-Chloro-3-methylphenol	11.86	107	161990	40.88	ng	#	73
37) 2-Methylnaphthalene	12.22	142	326080	44.56	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	174974	47.56	ng	#	100
40) Hexachlorocyclopentadiene	12.55	237	122034	106.56	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.84	196	109052	48.15	ng		90
43) 2,4,5-Trichlorophenol	12.93	196	107271	43.60	ng	#	82
45) 1,1'-Biphenyl	13.23	154	416937	49.57	ng		96
46) 2-Chloronaphthalene	13.28	162	324548	49.10	ng	#	89
47) 2-Nitroaniline	13.52	65	151033	50.47	ng	#	60
48) Acenaphthylene	14.13	152	508868	48.89	ng		98
49) Dimethylphthalate	13.87	163	394856	44.32	ng	#	98
50) 2,6-Dinitrotoluene	14.01	165	80964	44.84	ng	#	17
51) Acenaphthene	14.47	154	314850	48.00	ng		97
52) 3-Nitroaniline	14.35	138	28877	15.06	ng	#	10
53) 2,4-Dinitrophenol	14.57	184	80264	75.31	ng	#	71
54) Dibenzofuran	14.81	168	508038	50.56	ng	#	90
55) 4-Nitrophenol	14.67	139	98343	76.60	ng	#	1
56) 2,4-Dinitrotoluene	14.81	165	116875	43.76	ng	#	34
57) Fluorene	15.46	166	406460	45.88	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.05	232	98018	46.12	ng	#	100
59) Diethylphthalate	15.23	149	416845	44.56	ng		97
60) 4-Chlorophenyl-phenylether	15.45	204	210337	43.48	ng		94
61) 4-Nitroaniline	15.52	138	68543	35.09	ng	#	1
62) Azobenzene	15.75	77	682317	60.12	ng		76
64) 4,6-Dinitro-2-methylphenol	15.57	198	61153	43.70	ng	#	70
65) n-Nitrosodiphenylamine	15.68	169	318950	47.50	ng		97
66) 4-Bromophenyl-phenylether	16.35	248	124207	48.33	ng	#	87
67) Hexachlorobenzene	16.46	284	129995	45.57	ng	#	75
68) Atrazine	16.63	200	89314	36.40	ng		97
69) Pentachlorophenol	16.82	266	115780	82.78	ng		93
70) Phenanthrene	17.21	178	595291	47.92	ng		100
71) Anthracene	17.30	178	625833	49.39	ng		99
72) Carbazole	17.58	167	479893	42.43	ng		98
73) Di-n-butylphthalate	18.12	149	699374	48.63	ng	#	96
74) Fluoranthene	19.23	202	685452	43.01	ng		98
76) Benzidine	19.44	184	28287	4.32	ng	#	96
77) Pyrene	19.59	202	705813	45.25	ng		99
79) Butylbenzylphthalate	20.48	149	318210	48.99	ng	#	59
80) Benzo(a)anthracene	21.34	228	765002	48.58	ng		97
81) 3,3'-Dichlorobenzidine	21.28	252	87289	15.05	ng		94
82) Chrysene	21.39	228	680802	46.10	ng		97
83) Bis(2-ethylhexyl)phthalate	21.24	149	475420	49.02	ng		94
84) Di-n-octyl phthalate	22.13	149	805818	48.43	ng	#	79
85) Indeno(1,2,3-cd)pyrene	25.98	276	827296	66.46	ng	#	100
87) Benzo(b)fluoranthene	22.96	252	767452	50.44	ng	#	96
88) Benzo(k)fluoranthene	23.00	252	688681	47.64	ng		98
89) Benzo(a)pyrene	23.55	252	706584	52.67	ng		99
90) Dibenzo(a,h)anthracene	25.99	278	709818	59.96	ng	#	96
91) Benzo(g,h,i)perylene	26.70	276	622208	57.04	ng	#	89

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

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