Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
Data File : BM010190.D
Acq On : 24 May 2017 20:50
Operator : SJ/MA
Sample : I3305-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DSK-SB1(5-10)MSD

Quant Time: May 25 05:29:46 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	7.95	152	124810	20.00	ng		-0.02
21) Naphthalene-d8	10.76	136	446988	20.00	ng		-0.03
38) Acenaphthene-d10	14.58	164	302222	20.00	ng		-0.03
63) Phenanthrene-d10	17.33	188	777336	20.00	ng		-0.02
75) Chrysene-d12	21.49	240	1165508	20.00	ng		-0.02
86) Perylene-d12	23.85	264	1236479	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	662139	95.80	ng		-0.02
7) Phenol-d6	7.14	99	827118	93.00	ng		-0.03
23) Nitrobenzene-d5	9.14	82	546875	66.01	ng		-0.03
41) 2,4,6-Tribromophenol	16.07	330	449207	97.86	ng		-0.02
44) 2-Fluorobiphenyl	13.20	172	1389010	59.08	ng		-0.03
78) Terphenyl-d14	19.93	244	2606430	50.85	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	83877	26.41	ng	#	100
3) Pyridine	3.85	79	221123	26.01	ng	#	87
4) n-Nitrosodimethylamine	3.76	42	112432	36.57	ng	#	84
6) Aniline	7.30	93	199603	18.11	ng		93
8) 2-Chlorophenol	7.52	128	212015	28.19	ng		92
9) Benzaldehyde	7.12	77	59590	10.76	ng		82
10) Phenol	7.16	94	289546	30.89	ng		96
11) bis(2-Chloroethyl)ether	7.38	93	186068	26.63	ng		97
12) 1,3-Dichlorobenzene	7.83	146	252758	26.45	ng	#	89
13) 1,4-Dichlorobenzene	7.99	146	259793	26.47	ng		97
14) 1,2-Dichlorobenzene	8.30	146	250965	26.63	ng		97
15) Benzyl Alcohol	8.21	79	209429	31.12	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.47	45	158181	23.03	ng		79
17) 2-Methylphenol	8.41	107	185728	27.85	ng	#	85
18) Hexachloroethane	9.02	117	84105	26.43	ng	#	68
19) n-Nitroso-di-n-propylamine	8.76	70	179185	28.55	ng		91
20) 3+4-Methylphenols	8.74	107	251469	27.92	ng		88
22) Acetophenone	8.79	105	329001	28.71	ng	#	97
24) Nitrobenzene	9.18	77	279822	32.78	ng		94
25) Isophorone	9.68	82	438446	30.63	ng	#	93
26) 2-Nitrophenol	9.88	139	103502	28.77	ng	#	56
27) 2,4-Dimethylphenol	9.93	122	191138	29.42	ng	#	74
28) bis(2-Chloroethoxy)methane	10.17	93	242475	26.69	ng		97
29) 2,4-Dichlorophenol	10.41	162	239732	32.05	ng		98
30) 1,2,4-Trichlorobenzene	10.61	180	276547	28.58	ng		97
31) Naphthalene	10.81	128	620653	25.96	ng		99
32) Benzoic acid	10.01	122	11541	2.61	ng	#	76
33) 4-Chloroaniline	10.95	127	85039	9.23	ng	#	83
34) Hexachlorobutadiene	11.05	225	188345	29.18	ng		99
35) Caprolactam	11.75	113	57033	26.58	ng	#	81
36) 4-Chloro-3-methylphenol	12.06	107	239040	29.51	ng		84
37) 2-Methylnaphthalene	12.40	142	491447	28.55	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	323214	27.81	ng	#	100
40) Hexachlorocyclopentadiene	12.72	237	415224	61.88	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.02	196	213266	31.16	ng		94
43) 2,4,5-Trichlorophenol	13.09	196	228522	30.21	ng	#	94
45) 1,1'-Biphenyl	13.42	154	684509	27.54	ng		99
46) 2-Chloronaphthalene	13.46	162	541430	26.91	ng		96
47) 2-Nitroaniline	13.70	65	161457	31.20	ng	#	80
48) Acenaphthylene	14.31	152	837295	28.14	ng		99
49) Dimethylphthalate	14.05	163	976360	36.22	ng	#	98
50) 2,6-Dinitrotoluene	14.18	165	152171	29.73	ng		86
51) Acenaphthene	14.65	154	510014	27.57	ng		100
52) 3-Nitroaniline	14.53	138	92644	19.47	ng	#	74
53) 2,4-Dinitrophenol	14.72	184	70583	25.45	ng	#	85
54) Dibenzofuran	14.98	168	876853	30.15	ng		95
55) 4-Nitrophenol	14.84	139	222182	58.03	ng	#	30
56) 2,4-Dinitrotoluene	14.96	165	217765	30.07	ng	#	86
57) Fluorene	15.63	166	723226	28.59	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.20	232	221319	34.35	ng	#	100
59) Diethylphthalate	15.39	149	695080	27.27	ng		98
60) 4-Chlorophenyl-phenylether	15.62	204	400851	28.23	ng		99
61) 4-Nitroaniline	15.69	138	122627	25.39	ng	#	26
62) Azobenzene	15.91	77	677398	36.14	ng		89
64) 4,6-Dinitro-2-methylphenol	15.71	198	113960	24.00	ng		84
65) n-Nitrosodiphenylamine	15.84	169	635199	27.27	ng		99
66) 4-Bromophenyl-phenylether	16.51	248	270962	27.23	ng	#	91
67) Hexachlorobenzene	16.61	284	304670	25.20	ng		96
68) Atrazine	16.79	200	268053	30.35	ng		98
69) Pentachlorophenol	16.97	266	368712	55.52	ng		98
70) Phenanthrene	17.37	178	1188597	27.33	ng		99
71) Anthracene	17.46	178	1219898	28.26	ng		99
72) Carbazole	17.74	167	1089077	28.50	ng		99
73) Di-n-butylphthalate	18.26	149	1169146	25.80	ng	#	98
74) Fluoranthene	19.37	202	1557713	27.59	ng		97
76) Benzidine	19.58	184	1020662	47.48	ng		99
77) Pyrene	19.74	202	1594975	25.52	ng		99
79) Butylbenzylphthalate	20.61	149	578693	25.02	ng	#	83
80) Benzo(a)anthracene	21.47	228	1765225	27.48	ng		100
81) 3,3'-Dichlorobenzidine	21.42	252	566784	21.94	ng	#	97
82) Chrysene	21.53	228	1589705	26.09	ng		99
83) Bis(2-ethylhexyl)phthalate	21.36	149	847088	24.49	ng	#	95
84) Di-n-octyl phthalate	22.26	149	1543325	24.92	ng	#	97
85) Indeno(1,2,3-cd)pyrene	26.26	276	2519104	28.20	ng	#	100
87) Benzo(b)fluoranthene	23.13	252	2032777	28.09	ng	#	93
88) Benzo(k)fluoranthene	23.17	252	1900808	26.81	ng	#	95
89) Benzo(a)pyrene	23.74	252	1922851	27.88	ng	#	97
90) Dibenzo(a,h)anthracene	26.27	278	2118293	27.47	ng	#	92
91) Benzo(g,h,i)perylene	27.01	276	2066838	27.36	ng	#	87

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

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