Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM009989.D
Acq On : 11 May 2017 17:54
Operator : SJ/MA
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC050

Quant Time: May 11 18:55:48 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 18:53:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	56672	20.00	ng		0.00
21) Naphthalene-d8	10.56	136	262726	20.00	ng		0.00
38) Acenaphthene-d10	14.42	164	171542	20.00	ng		0.00
63) Phenanthrene-d10	17.17	188	428339	20.00	ng		0.00
75) Chrysene-d12	21.37	240	585284	20.00	ng		0.00
86) Perylene-d12	23.66	264	482967	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	371517	104.37	ng		0.00
7) Phenol-d6	6.95	99	618622	113.37	ng		0.00
23) Nitrobenzene-d5	8.94	82	748002	103.03	ng		0.00
41) 2,4,6-Tribromophenol	15.92	330	252942	107.96	ng		0.00
44) 2-Fluorobiphenyl	13.03	172	1320073	100.26	ng		0.00
78) Terphenyl-d14	19.80	244	2825177	99.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	69863	51.11	ng	#	100
3) Pyridine	3.68	79	256633	54.59	ng		94
4) n-Nitrosodimethylamine	3.60	42	140738	45.89	ng	#	63
6) Aniline	7.10	93	393497	54.55	ng	#	89
8) 2-Chlorophenol	7.33	128	204268	51.55	ng		80
9) Benzaldehyde	6.92	77	217257	50.12	ng	#	79
10) Phenol	6.97	94	322944	54.06	ng		90
11) bis(2-Chloroethyl)ether	7.20	93	252322	53.07	ng		86
12) 1,3-Dichlorobenzene	7.65	146	226642	51.61	ng	#	88
13) 1,4-Dichlorobenzene	7.80	146	230349	50.88	ng	#	93
14) 1,2-Dichlorobenzene	8.11	146	226812	52.13	ng	#	93
15) Benzyl Alcohol	8.02	79	265461	52.53	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.28	45	400379	45.56	ng		99
17) 2-Methylphenol	8.22	107	215372	53.54	ng	#	81
18) Hexachloroethane	8.83	117	95445	47.58	ng	#	85
19) n-Nitroso-di-n-propylamine	8.57	70	276589	53.46	ng	#	95
20) 3+4-Methylphenols	8.55	107	302888	54.80	ng		87
22) Acetophenone	8.60	105	407381	49.56	ng	#	88
24) Nitrobenzene	8.98	77	387535	51.43	ng	#	86
25) Isophorone	9.50	82	652577	50.95	ng	#	87
26) 2-Nitrophenol	9.69	139	122087	50.09	ng	#	35
27) 2,4-Dimethylphenol	9.75	122	218129	49.73	ng	#	83
28) bis(2-Chloroethoxy)methane	9.97	93	372049	49.92	ng		95
29) 2,4-Dichlorophenol	10.22	162	212874	50.63	ng		93
30) 1,2,4-Trichlorobenzene	10.42	180	251035	51.09	ng		97
31) Naphthalene	10.61	128	729867	50.52	ng		99
32) Benzoic acid	9.94	122	152207	52.85	ng	#	72
33) 4-Chloroaniline	10.74	127	318070	52.20	ng	#	78
34) Hexachlorobutadiene	10.87	225	170806	49.95	ng		98
35) Caprolactam	11.56	113	81307	50.70	ng	#	58
36) 4-Chloro-3-methylphenol	11.87	107	294566	51.59	ng	#	77
37) 2-Methylnaphthalene	12.23	142	519666	50.93	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	319256	51.73	ng	#	100
40) Hexachlorocyclopentadiene	12.56	237	56929	45.16	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	202992	50.91	ng		94
43) 2,4,5-Trichlorophenol	12.93	196	223241	52.03	ng	#	86
45) 1,1'-Biphenyl	13.24	154	734340	50.28	ng		93
46) 2-Chloronaphthalene	13.29	162	588288	50.96	ng		96
47) 2-Nitroaniline	13.52	65	279003	50.05	ng	#	69
48) Acenaphthylene	14.14	152	925941	51.10	ng		99
49) Dimethylphthalate	13.88	163	789832	48.33	ng		100
50) 2,6-Dinitrotoluene	14.02	165	166309	52.18	ng	#	61
51) Acenaphthene	14.49	154	578985	51.79	ng		100
52) 3-Nitroaniline	14.36	138	177374	51.44	ng	#	38
53) 2,4-Dinitrophenol	14.57	184	84278	57.43	ng	#	74
54) Dibenzofuran	14.82	168	882139	51.58	ng		97
55) 4-Nitrophenol	14.67	139	118404	51.11	ng	#	7
56) 2,4-Dinitrotoluene	14.82	165	239030	51.60	ng	#	71
57) Fluorene	15.47	166	790975	52.42	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.06	232	186944	56.89	ng	#	100
59) Diethylphthalate	15.24	149	835804	47.88	ng		99
60) 4-Chlorophenyl-phenylether	15.46	204	432700	54.04	ng		98
61) 4-Nitroaniline	15.53	138	179346	51.93	ng	#	5
62) Azobenzene	15.76	77	1018078	52.35	ng		83
64) 4,6-Dinitro-2-methylphenol	15.59	198	139917	52.59	ng		93
65) n-Nitrosodiphenylamine	15.69	169	702113	51.73	ng		99
66) 4-Bromophenyl-phenylether	16.36	248	268890	53.66	ng	#	94
67) Hexachlorobenzene	16.47	284	293738	51.47	ng	#	92
68) Atrazine	16.64	200	261867	50.37	ng		97
69) Pentachlorophenol	16.83	266	129193	59.76	ng		97
70) Phenanthrene	17.22	178	1268335	51.15	ng		99
71) Anthracene	17.31	178	1325724	53.01	ng		99
72) Carbazole	17.59	167	1184821	52.27	ng		98
73) Di-n-butylphthalate	18.13	149	1535444	47.16	ng	#	97
74) Fluoranthene	19.24	202	1657036	52.95	ng		99
76) Benzidine	19.43	184	774099	43.84	ng		99
77) Pyrene	19.60	202	1761963	50.40	ng		98
79) Butylbenzylphthalate	20.49	149	749292	44.44	ng	#	66
80) Benzo(a)anthracene	21.35	228	1800248	51.07	ng		97
81) 3,3'-Dichlorobenzidine	21.29	252	678874	48.46	ng	#	98
82) Chrysene	21.40	228	1692095	51.06	ng		97
83) Bis(2-ethylhexyl)phthalate	21.25	149	1111429	42.86	ng		98
84) Di-n-octyl phthalate	22.14	149	1921179	42.67	ng	#	87
85) Indeno(1,2,3-cd)pyrene	26.00	276	1479299	39.59	ng	#	100
87) Benzo(b)fluoranthene	22.97	252	1703151	55.34	ng	#	95
88) Benzo(k)fluoranthene	23.01	252	1589487	53.12	ng	#	96
89) Benzo(a)pyrene	23.56	252	1497397	51.86	ng		99
90) Dibenzo(a,h)anthracene	26.00	278	1344909	46.42	ng	#	94
91) Benzo(g,h,i)perylene	26.71	276	1216143	44.75	ng	#	91

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

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