Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050517\
Data File : BM009899.D
Acq On : 05 May 2017 12:56
Operator : SJ/MA
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC050

Quant Time: May 05 13:27:25 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 13:10:42 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	107622	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	484156	20.00	ng		0.00
38) Acenaphthene-d10	14.44	164	302895	20.00	ng		0.00
63) Phenanthrene-d10	17.20	188	720595	20.00	ng		0.00
75) Chrysene-d12	21.39	240	899852	20.00	ng		0.00
86) Perylene-d12	23.69	264	777404	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	709882	109.95	ng		0.00
7) Phenol-d6	6.97	99	1101074	125.06	ng		0.00
23) Nitrobenzene-d5	8.96	82	1371494	106.21	ng		0.00
41) 2,4,6-Tribromophenol	15.94	330	430390	114.38	ng		0.00
44) 2-Fluorobiphenyl	13.05	172	2426866	96.54	ng		0.00
78) Terphenyl-d14	19.82	244	4688798	108.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	126896	39.08	ng	#	100
3) Pyridine	3.69	79	431569	47.04	ng	#	74
4) n-Nitrosodimethylamine	3.61	42	292552	59.90	ng	#	56
6) Aniline	7.12	93	714592	59.72	ng	#	86
8) 2-Chlorophenol	7.35	128	395383	60.39	ng	#	74
9) Benzaldehyde	6.94	77	412411	59.51	ng	#	80
10) Phenol	7.00	94	592666	62.12	ng		93
11) bis(2-Chloroethyl)ether	7.22	93	464155	59.36	ng	#	80
12) 1,3-Dichlorobenzene	7.67	146	436061	55.64	ng	#	88
13) 1,4-Dichlorobenzene	7.82	146	443652	54.78	ng	#	93
14) 1,2-Dichlorobenzene	8.13	146	434304	55.22	ng	#	90
15) Benzyl Alcohol	8.03	79	502664	65.30	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.31	45	871081	64.09	ng		94
17) 2-Methylphenol	8.24	107	403960	64.71	ng	#	84
18) Hexachloroethane	8.85	117	200498	60.52	ng		93
19) n-Nitroso-di-n-propylamine	8.60	70	515509	72.63	ng	#	84
20) 3+4-Methylphenols	8.57	107	557863	65.73	ng		86
22) Acetophenone	8.62	105	772821	56.60	ng	#	84
24) Nitrobenzene	9.00	77	696898	55.09	ng	#	88
25) Isophorone	9.52	82	1200114	60.92	ng	#	87
26) 2-Nitrophenol	9.70	139	236709	62.04	ng	#	33
27) 2,4-Dimethylphenol	9.77	122	412975	59.17	ng	#	83
28) bis(2-Chloroethoxy)methane	10.00	93	701256	57.50	ng		98
29) 2,4-Dichlorophenol	10.25	162	399814	54.79	ng		93
30) 1,2,4-Trichlorobenzene	10.45	180	459038	50.70	ng		97
31) Naphthalene	10.63	128	1345392	52.35	ng		98
32) Benzoic acid	9.97	122	284451	59.92	ng	#	69
33) 4-Chloroaniline	10.76	127	567717	57.27	ng	#	79
34) Hexachlorobutadiene	10.89	225	322685	52.05	ng		98
35) Caprolactam	11.59	113	155684	69.88	ng	#	38
36) 4-Chloro-3-methylphenol	11.90	107	541398	65.58	ng	#	80
37) 2-Methylnaphthalene	12.24	142	960214	54.13	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	563549	49.28	ng	#	100
40) Hexachlorocyclopentadiene	12.58	237	141487	21.56	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.87	196	367140	56.15	ng		99
43) 2,4,5-Trichlorophenol	12.95	196	389250	53.35	ng	#	85
45) 1,1'-Biphenyl	13.27	154	1316887	52.24	ng		97
46) 2-Chloronaphthalene	13.32	162	1050637	53.66	ng		95
47) 2-Nitroaniline	13.54	65	517566	71.74	ng	#	62
48) Acenaphthylene	14.16	152	1638501	51.38	ng		99
49) Dimethylphthalate	13.90	163	1447687	62.25	ng	#	98
50) 2,6-Dinitrotoluene	14.04	165	288706	57.61	ng	#	59
51) Acenaphthene	14.50	154	994217	51.67	ng		96
52) 3-Nitroaniline	14.37	138	314659	63.73	ng	#	52
53) 2,4-Dinitrophenol	14.59	184	148987	50.38	ng	#	82
54) Dibenzofuran	14.84	168	1530736	53.79	ng		93
55) 4-Nitrophenol	14.70	139	210719	51.63	ng	#	13
56) 2,4-Dinitrotoluene	14.83	165	416306	61.40	ng	#	70
57) Fluorene	15.49	166	1376181	53.81	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.07	232	299916	48.60	ng	#	100
59) Diethylphthalate	15.26	149	1551176	65.75	ng		97
60) 4-Chlorophenyl-phenylether	15.49	204	727416	54.46	ng		98
61) 4-Nitroaniline	15.54	138	317695	59.24	ng	#	12
62) Azobenzene	15.78	77	1756917	63.79	ng		82
64) 4,6-Dinitro-2-methylphenol	15.60	198	241157	53.12	ng	#	84
65) n-Nitrosodiphenylamine	15.70	169	1182915	54.04	ng		100
66) 4-Bromophenyl-phenylether	16.38	248	443148	53.08	ng	#	89
67) Hexachlorobenzene	16.50	284	495689	54.17	ng	#	88
68) Atrazine	16.66	200	446217	54.20	ng		97
69) Pentachlorophenol	16.86	266	195351	34.94	ng		98
70) Phenanthrene	17.24	178	2127299	51.63	ng		100
71) Anthracene	17.33	178	2175868	52.16	ng		98
72) Carbazole	17.61	167	1948939	48.78	ng		99
73) Di-n-butylphthalate	18.15	149	2855273	69.97	ng	#	97
74) Fluoranthene	19.26	202	2676711	54.84	ng		98
76) Benzidine	19.45	184	1366421	50.95	ng		99
77) Pyrene	19.62	202	2780741	54.49	ng		99
79) Butylbenzylphthalate	20.51	149	1344688	73.17	ng	#	72
80) Benzo(a)anthracene	21.37	228	2751834	52.36	ng		98
81) 3,3'-Dichlorobenzidine	21.30	252	1073172	54.53	ng	#	97
82) Chrysene	21.42	228	2571933	51.25	ng		99
83) Bis(2-ethylhexyl)phthalate	21.27	149	2060615	75.14	ng		94
84) Di-n-octyl phthalate	22.16	149	3533289	77.42	ng	#	84
85) Indeno(1,2,3-cd)pyrene	26.06	276	2528596	46.20	ng	#	100
87) Benzo(b)fluoranthene	23.00	252	2565921	52.07	ng	#	95
88) Benzo(k)fluoranthene	23.04	252	2574107	54.32	ng		98
89) Benzo(a)pyrene	23.60	252	2441062	53.50	ng		99
90) Dibenzo(a,h)anthracene	26.06	278	2273877	50.87	ng	#	96
91) Benzo(g,h,i)perylene	26.78	276	2037763	46.76	ng	#	91

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

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