Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009950.D
Acq On : 06 May 2017 20:51
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: May 08 05:43:50 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 14:52:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	80322	20.00	ng		0.00
21) Naphthalene-d8	10.57	136	366820	20.00	ng		-0.01
38) Acenaphthene-d10	14.43	164	233517	20.00	ng		-0.01
63) Phenanthrene-d10	17.19	188	590614	20.00	ng		-0.01
75) Chrysene-d12	21.37	240	793466	20.00	ng		-0.01
86) Perylene-d12	23.67	264	643322	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	428178	84.87	ng		0.00
7) Phenol-d6	6.96	99	663960	85.85	ng		-0.01
23) Nitrobenzene-d5	8.95	82	837554	82.63	ng		-0.01
41) 2,4,6-Tribromophenol	15.93	330	268443	84.17	ng		0.00
44) 2-Fluorobiphenyl	13.04	172	1520536	84.84	ng		-0.01
78) Terphenyl-d14	19.81	244	2832344	73.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	96242	49.68	ng	#	100
3) Pyridine	3.69	79	287036	43.08	ng	#	71
4) n-Nitrosodimethylamine	3.60	42	196591	45.23	ng	#	50
6) Aniline	7.11	93	439436	42.98	ng	#	84
8) 2-Chlorophenol	7.34	128	234580	41.77	ng	#	76
9) Benzaldehyde	6.93	77	256061	41.68	ng	#	80
10) Phenol	6.99	94	362526	42.82	ng		96
11) bis(2-Chloroethyl)ether	7.20	93	277223	41.14	ng	#	78
12) 1,3-Dichlorobenzene	7.66	146	249088	40.02	ng	#	84
13) 1,4-Dichlorobenzene	7.80	146	255487	39.82	ng	#	92
14) 1,2-Dichlorobenzene	8.12	146	251890	40.85	ng	#	87
15) Benzyl Alcohol	8.03	79	337781	47.16	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.30	45	505261	40.57	ng		94
17) 2-Methylphenol	8.23	107	236657	41.51	ng	#	82
18) Hexachloroethane	8.83	117	112783	39.67	ng		92
19) n-Nitroso-di-n-propylamine	8.58	70	313647	42.78	ng	#	80
20) 3+4-Methylphenols	8.56	107	327561	41.81	ng		88
22) Acetophenone	8.60	105	472726	41.19	ng	#	82
24) Nitrobenzene	8.99	77	436626	41.50	ng	#	88
25) Isophorone	9.51	82	763435	42.69	ng	#	87
26) 2-Nitrophenol	9.69	139	141926	41.70	ng	#	22
27) 2,4-Dimethylphenol	9.75	122	249836	40.80	ng	#	82
28) bis(2-Chloroethoxy)methane	9.98	93	411483	39.54	ng		98
29) 2,4-Dichlorophenol	10.23	162	247365	42.14	ng		92
30) 1,2,4-Trichlorobenzene	10.43	180	277848	40.50	ng		98
31) Naphthalene	10.62	128	787011	39.02	ng		100
32) Benzoic acid	9.93	122	155901	38.77	ng	#	67
33) 4-Chloroaniline	10.75	127	356276	41.88	ng	#	75
34) Hexachlorobutadiene	10.88	225	180177	37.74	ng		98
35) Caprolactam	11.57	113	92716	41.41	ng	#	41
36) 4-Chloro-3-methylphenol	11.88	107	330077	41.40	ng	#	75
37) 2-Methylnaphthalene	12.23	142	590417	41.44	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	328146	39.06	ng	#	100
40) Hexachlorocyclopentadiene	12.57	237	60094	36.58	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	218654	40.28	ng		96
43) 2,4,5-Trichlorophenol	12.94	196	221420	37.91	ng	#	84
45) 1,1'-Biphenyl	13.25	154	793664	39.92	ng		95
46) 2-Chloronaphthalene	13.30	162	624482	39.74	ng		95
47) 2-Nitroaniline	13.53	65	319866	42.15	ng	#	66
48) Acenaphthylene	14.15	152	1036673	42.03	ng		98
49) Dimethylphthalate	13.89	163	855643	38.46	ng		99
50) 2,6-Dinitrotoluene	14.02	165	182136	41.98	ng	#	39
51) Acenaphthene	14.49	154	624717	41.05	ng		98
52) 3-Nitroaniline	14.36	138	191898	40.89	ng	#	39
53) 2,4-Dinitrophenol	14.59	184	77548	36.16	ng	#	77
54) Dibenzofuran	14.83	168	1042243	44.77	ng		92
55) 4-Nitrophenol	14.69	139	114360	36.26	ng	#	1
56) 2,4-Dinitrotoluene	14.82	165	272136	43.16	ng	#	60
57) Fluorene	15.48	166	854380	41.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.06	232	204946	45.82	ng	#	100
59) Diethylphthalate	15.25	149	928419	39.07	ng		97
60) 4-Chlorophenyl-phenylether	15.47	204	453663	41.62	ng		96
61) 4-Nitroaniline	15.54	138	199517	42.44	ng	#	17
62) Azobenzene	15.77	77	1289941	48.73	ng		79
64) 4,6-Dinitro-2-methylphenol	15.59	198	135220	35.69	ng	#	78
65) n-Nitrosodiphenylamine	15.70	169	741452	39.62	ng		98
66) 4-Bromophenyl-phenylether	16.37	248	272813	39.49	ng	#	90
67) Hexachlorobenzene	16.49	284	306177	38.91	ng	#	88
68) Atrazine	16.65	200	288236	40.21	ng		97
69) Pentachlorophenol	16.84	266	96184	32.18	ng		93
70) Phenanthrene	17.23	178	1379625	40.35	ng		99
71) Anthracene	17.32	178	1438696	41.72	ng		99
72) Carbazole	17.60	167	1324228	42.37	ng		100
73) Di-n-butylphthalate	18.14	149	1699720	37.86	ng	#	96
74) Fluoranthene	19.24	202	1773476	41.10	ng		97
76) Benzidine	19.44	184	968338	40.46	ng		99
77) Pyrene	19.61	202	1850216	39.04	ng		99
79) Butylbenzylphthalate	20.50	149	849576	37.17	ng	#	63
80) Benzo(a)anthracene	21.36	228	1976158	41.35	ng		99
81) 3,3'-Dichlorobenzidine	21.29	252	738637	38.89	ng		99
82) Chrysene	21.42	228	1747470	38.89	ng		97
83) Bis(2-ethylhexyl)phthalate	21.26	149	1279633	36.40	ng		95
84) Di-n-octyl phthalate	22.15	149	2203263	36.09	ng	#	81
85) Indeno(1,2,3-cd)pyrene	26.03	276	1679225	33.15	ng	#	100
87) Benzo(b)fluoranthene	22.98	252	1819482	44.38	ng	#	96
88) Benzo(k)fluoranthene	23.03	252	1724851	43.28	ng		98
89) Benzo(a)pyrene	23.57	252	1650805	42.92	ng		98
90) Dibenzo(a,h)anthracene	26.03	278	1428631	37.02	ng	#	94
91) Benzo(g,h,i)perylene	26.74	276	1268634	35.05	ng	#	92

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

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