Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050517\
Data File : BM009922.D
Acq On : 06 May 2017 03:05
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: May 06 04:34:34 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	106512	20.00	ng		0.00
21) Naphthalene-d8	10.57	136	458673	20.00	ng		0.00
38) Acenaphthene-d10	14.43	164	284391	20.00	ng		0.00
63) Phenanthrene-d10	17.19	188	688489	20.00	ng		-0.01
75) Chrysene-d12	21.38	240	864377	20.00	ng		0.00
86) Perylene-d12	23.68	264	722333	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	539991	80.71	ng		0.00
7) Phenol-d6	6.96	99	841410	82.05	ng		0.00
23) Nitrobenzene-d5	8.95	82	1049510	82.80	ng		0.00
41) 2,4,6-Tribromophenol	15.93	330	323669	83.33	ng		0.00
44) 2-Fluorobiphenyl	13.05	172	1768464	81.02	ng		0.00
78) Terphenyl-d14	19.82	244	3467318	82.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	97714	38.04	ng	#	100
3) Pyridine	3.69	79	357640	40.47	ng	#	79
4) n-Nitrosodimethylamine	3.61	42	235579	40.87	ng	#	53
6) Aniline	7.12	93	534995	39.46	ng	#	88
8) 2-Chlorophenol	7.35	128	297481	39.94	ng	#	72
9) Benzaldehyde	6.93	77	334041	41.00	ng	#	77
10) Phenol	6.99	94	455646	40.59	ng		94
11) bis(2-Chloroethyl)ether	7.21	93	350756	39.25	ng	#	78
12) 1,3-Dichlorobenzene	7.66	146	324201	39.28	ng	#	83
13) 1,4-Dichlorobenzene	7.81	146	338618	39.80	ng	#	91
14) 1,2-Dichlorobenzene	8.13	146	331013	40.48	ng	#	91
15) Benzyl Alcohol	8.03	79	382143	40.24	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.31	45	647014	39.17	ng		92
17) 2-Methylphenol	8.23	107	299000	39.55	ng	#	81
18) Hexachloroethane	8.84	117	152697	40.51	ng		94
19) n-Nitroso-di-n-propylamine	8.59	70	393515	40.47	ng	#	81
20) 3+4-Methylphenols	8.56	107	421727	40.59	ng		88
22) Acetophenone	8.61	105	577368	40.24	ng	#	84
24) Nitrobenzene	8.99	77	537385	40.85	ng	#	86
25) Isophorone	9.52	82	883824	39.53	ng	#	88
26) 2-Nitrophenol	9.70	139	172775	40.60	ng	#	34
27) 2,4-Dimethylphenol	9.76	122	307318	40.13	ng	#	78
28) bis(2-Chloroethoxy)methane	9.99	93	522891	40.19	ng		95
29) 2,4-Dichlorophenol	10.23	162	296526	40.39	ng		93
30) 1,2,4-Trichlorobenzene	10.44	180	342364	39.91	ng		97
31) Naphthalene	10.63	128	1012785	40.16	ng		99
32) Benzoic acid	9.95	122	209241	41.61	ng	#	66
33) 4-Chloroaniline	10.75	127	434061	40.80	ng	#	78
34) Hexachlorobutadiene	10.89	225	235320	39.42	ng		98
35) Caprolactam	11.57	113	111176	39.71	ng	#	44
36) 4-Chloro-3-methylphenol	11.88	107	394645	39.59	ng	#	79
37) 2-Methylnaphthalene	12.24	142	713743	40.06	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	418473	40.90	ng	#	100
40) Hexachlorocyclopentadiene	12.57	237	82931	39.44	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	276964	41.90	ng		94
43) 2,4,5-Trichlorophenol	12.95	196	288995	40.63	ng	#	87
45) 1,1'-Biphenyl	13.26	154	986874	40.76	ng		97
46) 2-Chloronaphthalene	13.30	162	776987	40.60	ng	#	94
47) 2-Nitroaniline	13.53	65	382715	41.41	ng	#	64
48) Acenaphthylene	14.16	152	1202982	40.05	ng		99
49) Dimethylphthalate	13.90	163	1063231	39.24	ng	#	99
50) 2,6-Dinitrotoluene	14.03	165	207573	39.29	ng	#	33
51) Acenaphthene	14.50	154	740853	39.97	ng		99
52) 3-Nitroaniline	14.36	138	223793	39.15	ng	#	41
53) 2,4-Dinitrophenol	14.59	184	101515	38.22	ng	#	75
54) Dibenzofuran	14.83	168	1113379	39.27	ng	#	91
55) 4-Nitrophenol	14.69	139	155649	40.53	ng	#	2
56) 2,4-Dinitrotoluene	14.83	165	304960	39.71	ng	#	70
57) Fluorene	15.49	166	1007249	40.27	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.07	232	222747	40.89	ng	#	100
59) Diethylphthalate	15.26	149	1129086	39.01	ng		97
60) 4-Chlorophenyl-phenylether	15.47	204	529710	39.90	ng		98
61) 4-Nitroaniline	15.53	138	230222	40.21	ng	#	13
62) Azobenzene	15.77	77	1339661	41.55	ng		78
64) 4,6-Dinitro-2-methylphenol	15.59	198	172141	38.43	ng	#	75
65) n-Nitrosodiphenylamine	15.70	169	869250	39.84	ng		98
66) 4-Bromophenyl-phenylether	16.37	248	326186	40.50	ng	#	94
67) Hexachlorobenzene	16.49	284	365578	39.85	ng	#	86
68) Atrazine	16.66	200	333490	39.91	ng		98
69) Pentachlorophenol	16.84	266	152254	40.96	ng		96
70) Phenanthrene	17.23	178	1571935	39.44	ng		100
71) Anthracene	17.32	178	1594275	39.66	ng		99
72) Carbazole	17.60	167	1440531	39.54	ng		99
73) Di-n-butylphthalate	18.14	149	2047101	39.11	ng	#	96
74) Fluoranthene	19.25	202	1983519	39.43	ng		98
76) Benzidine	19.44	184	982012	37.66	ng		99
77) Pyrene	19.62	202	2061677	39.93	ng		100
79) Butylbenzylphthalate	20.50	149	1001419	40.22	ng	#	70
80) Benzo(a)anthracene	21.36	228	2057651	39.52	ng		99
81) 3,3'-Dichlorobenzidine	21.30	252	817481	39.51	ng		97
82) Chrysene	21.42	228	1933241	39.50	ng		98
83) Bis(2-ethylhexyl)phthalate	21.27	149	1501911	39.22	ng		95
84) Di-n-octyl phthalate	22.16	149	2522024	37.92	ng	#	83
85) Indeno(1,2,3-cd)pyrene	26.03	276	1739216	31.51	ng	#	100
87) Benzo(b)fluoranthene	22.99	252	1933360	42.00	ng	#	95
88) Benzo(k)fluoranthene	23.03	252	1808448	40.41	ng		97
89) Benzo(a)pyrene	23.59	252	1716777	39.75	ng		99
90) Dibenzo(a,h)anthracene	26.04	278	1572703	36.30	ng	#	95
91) Benzo(g,h,i)perylene	26.76	276	1394223	34.30	ng	#	90

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

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