Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009932.D
Acq On : 06 May 2017 09:25
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: May 08 05:39:12 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	83377	20.00	ng		0.00
21) Naphthalene-d8	10.57	136	369381	20.00	ng		0.00
38) Acenaphthene-d10	14.43	164	230823	20.00	ng		0.00
63) Phenanthrene-d10	17.19	188	555717	20.00	ng		-0.01
75) Chrysene-d12	21.38	240	772579	20.00	ng		0.00
86) Perylene-d12	23.68	264	710214	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	422343	80.64	ng		0.00
7) Phenol-d6	6.96	99	656336	81.76	ng		0.00
23) Nitrobenzene-d5	8.95	82	822553	80.59	ng		0.00
41) 2,4,6-Tribromophenol	15.93	330	253066	80.27	ng		0.00
44) 2-Fluorobiphenyl	13.05	172	1410774	79.63	ng		0.00
78) Terphenyl-d14	19.81	244	2898850	76.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	72968	36.28	ng	#	100
3) Pyridine	3.69	79	277691	40.15	ng	#	70
4) n-Nitrosodimethylamine	3.61	42	185563	41.13	ng	#	55
6) Aniline	7.12	93	428440	40.37	ng	#	87
8) 2-Chlorophenol	7.35	128	226457	38.84	ng	#	76
9) Benzaldehyde	6.93	77	253242	39.71	ng	#	77
10) Phenol	6.99	94	356907	40.61	ng		94
11) bis(2-Chloroethyl)ether	7.21	93	279671	39.98	ng	#	80
12) 1,3-Dichlorobenzene	7.66	146	251668	38.95	ng	#	86
13) 1,4-Dichlorobenzene	7.81	146	259118	38.90	ng	#	92
14) 1,2-Dichlorobenzene	8.13	146	255884	39.98	ng	#	93
15) Benzyl Alcohol	8.03	79	303149	40.77	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.30	45	515776	39.89	ng		94
17) 2-Methylphenol	8.23	107	241810	40.86	ng	#	81
18) Hexachloroethane	8.84	117	118637	40.20	ng		94
19) n-Nitroso-di-n-propylamine	8.59	70	306411	40.26	ng	#	82
20) 3+4-Methylphenols	8.56	107	332885	40.93	ng		88
22) Acetophenone	8.61	105	461216	39.91	ng	#	82
24) Nitrobenzene	8.99	77	431307	40.71	ng		90
25) Isophorone	9.51	82	722652	40.13	ng	#	86
26) 2-Nitrophenol	9.70	139	134707	39.31	ng	#	29
27) 2,4-Dimethylphenol	9.76	122	239380	38.82	ng	#	80
28) bis(2-Chloroethoxy)methane	9.99	93	411428	39.26	ng	#	98
29) 2,4-Dichlorophenol	10.23	162	240538	40.69	ng		92
30) 1,2,4-Trichlorobenzene	10.43	180	272735	39.48	ng		96
31) Naphthalene	10.62	128	807661	39.76	ng		99
32) Benzoic acid	9.94	122	152990	37.78	ng	#	58
33) 4-Chloroaniline	10.75	127	351436	41.02	ng	#	78
34) Hexachlorobutadiene	10.89	225	183683	38.21	ng		99
35) Caprolactam	11.57	113	92844	41.18	ng	#	42
36) 4-Chloro-3-methylphenol	11.89	107	321986	40.11	ng	#	79
37) 2-Methylnaphthalene	12.24	142	568435	39.62	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	329697	39.71	ng	#	100
40) Hexachlorocyclopentadiene	12.57	237	58459	36.23	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	219430	40.90	ng		97
43) 2,4,5-Trichlorophenol	12.95	196	228390	39.56	ng	#	84
45) 1,1'-Biphenyl	13.26	154	788510	40.12	ng		95
46) 2-Chloronaphthalene	13.30	162	623610	40.15	ng		95
47) 2-Nitroaniline	13.53	65	307545	41.00	ng	#	64
48) Acenaphthylene	14.16	152	972498	39.89	ng		99
49) Dimethylphthalate	13.89	163	866058	39.38	ng	#	99
50) 2,6-Dinitrotoluene	14.03	165	172122	40.14	ng	#	40
51) Acenaphthene	14.50	154	594783	39.54	ng		99
52) 3-Nitroaniline	14.36	138	187687	40.45	ng	#	43
53) 2,4-Dinitrophenol	14.59	184	77011	36.29	ng	#	70
54) Dibenzofuran	14.83	168	915118	39.77	ng		93
55) 4-Nitrophenol	14.69	139	106291	34.10	ng	#	1
56) 2,4-Dinitrotoluene	14.83	165	257385	41.30	ng	#	70
57) Fluorene	15.49	166	814589	40.12	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.07	232	176652	39.95	ng	#	100
59) Diethylphthalate	15.26	149	918442	39.10	ng		99
60) 4-Chlorophenyl-phenylether	15.47	204	424958	39.44	ng		97
61) 4-Nitroaniline	15.54	138	195264	42.02	ng	#	22
62) Azobenzene	15.77	77	1096141	41.89	ng		78
64) 4,6-Dinitro-2-methylphenol	15.59	198	137645	38.13	ng	#	75
65) n-Nitrosodiphenylamine	15.70	169	708297	40.22	ng		98
66) 4-Bromophenyl-phenylether	16.37	248	265461	40.84	ng	#	93
67) Hexachlorobenzene	16.49	284	296619	40.06	ng	#	81
68) Atrazine	16.66	200	276122	40.94	ng		96
69) Pentachlorophenol	16.84	266	95445	33.52	ng		95
70) Phenanthrene	17.23	178	1291906	40.16	ng		99
71) Anthracene	17.32	178	1337734	41.23	ng		99
72) Carbazole	17.60	167	1211139	41.18	ng		99
73) Di-n-butylphthalate	18.14	149	1690488	40.02	ng	#	96
74) Fluoranthene	19.25	202	1682910	41.45	ng		99
76) Benzidine	19.44	184	848336	36.40	ng		98
77) Pyrene	19.62	202	1781875	38.61	ng		98
79) Butylbenzylphthalate	20.50	149	844182	37.93	ng	#	70
80) Benzo(a)anthracene	21.36	228	1848123	39.72	ng		99
81) 3,3'-Dichlorobenzidine	21.30	252	728509	39.39	ng		98
82) Chrysene	21.42	228	1723592	39.40	ng		98
83) Bis(2-ethylhexyl)phthalate	21.26	149	1259337	36.79	ng		94
84) Di-n-octyl phthalate	22.16	149	2211514	37.21	ng	#	83
85) Indeno(1,2,3-cd)pyrene	26.03	276	1978029	40.10	ng	#	100
87) Benzo(b)fluoranthene	22.99	252	1835662	40.56	ng	#	95
88) Benzo(k)fluoranthene	23.03	252	1751169	39.80	ng		98
89) Benzo(a)pyrene	23.59	252	1722058	40.56	ng		97
90) Dibenzo(a,h)anthracene	26.04	278	1768861	41.52	ng	#	96
91) Benzo(g,h,i)perylene	26.76	276	1609874	40.29	ng	#	91

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

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