Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003780.D
Acq On : 24 Dec 2015 16:18
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Dec 25 00:57:51 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	45073	20.00	ng		-0.04
21) Naphthalene-d8	10.47	136	210925	20.00	ng		-0.04
38) Acenaphthene-d10	14.34	164	126344	20.00	ng		-0.04
63) Phenanthrene-d10	17.09	188	292455	20.00	ng		-0.04
75) Chrysene-d12	21.29	240	337111	20.00	ng		-0.04
86) Perylene-d12	23.53	264	328649	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	202100	79.72	ng		-0.03
7) Phenol-d6	6.86	99	288692	82.01	ng		-0.03
23) Nitrobenzene-d5	8.85	82	281939	82.88	ng		-0.04
41) 2,4,6-Tribromophenol	15.83	330	107383	85.10	ng		-0.04
44) 2-Fluorobiphenyl	12.95	172	669833	72.23	ng		-0.04
78) Terphenyl-d14	19.72	244	1013822	70.92	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	41513	39.46	ng	#	100
3) Pyridine	3.57	79	119209	40.45	ng		91
4) n-Nitrosodimethylamine	3.49	42	41207	43.68	ng		89
6) Aniline	7.02	93	188969	40.78	ng		97
8) 2-Chlorophenol	7.25	128	127552	39.73	ng		95
9) Benzaldehyde	6.83	77	70689	40.95	ng		98
10) Phenol	6.89	94	152883	40.93	ng	#	72
11) bis(2-Chloroethyl)ether	7.11	93	119996	39.71	ng		99
12) 1,3-Dichlorobenzene	7.57	146	137559	39.01	ng		98
13) 1,4-Dichlorobenzene	7.72	146	141457	38.90	ng		95
14) 1,2-Dichlorobenzene	8.03	146	135792	39.11	ng		95
15) Benzyl Alcohol	7.92	79	104287	42.81	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.22	45	138198	42.81	ng		94
17) 2-Methylphenol	8.13	107	108513	41.55	ng		97
18) Hexachloroethane	8.76	117	49543	39.66	ng		93
19) n-Nitroso-di-n-propylamine	8.49	70	98605	42.70	ng		90
20) 3+4-Methylphenols	8.46	107	149152	41.28	ng		96
22) Acetophenone	8.50	105	199741	38.64	ng	#	91
24) Nitrobenzene	8.89	77	150006	40.79	ng		91
25) Isophorone	9.40	82	282224	41.01	ng		97
26) 2-Nitrophenol	9.59	139	71120	38.23	ng		90
27) 2,4-Dimethylphenol	9.66	122	128799	39.76	ng		94
28) bis(2-Chloroethoxy)methane	9.89	93	161045	38.95	ng		98
29) 2,4-Dichlorophenol	10.13	162	121566	39.40	ng		97
30) 1,2,4-Trichlorobenzene	10.34	180	130101	37.76	ng		99
31) Naphthalene	10.52	128	424755	38.48	ng		100
32) Benzoic acid	9.80	122	75491	39.72	ng		99
33) 4-Chloroaniline	10.63	127	182722	40.10	ng	#	93
34) Hexachlorobutadiene	10.80	225	77224	37.80	ng		97
35) Caprolactam	11.41	113	46070	45.16	ng	#	77
36) 4-Chloro-3-methylphenol	11.77	107	145653	41.86	ng		89
37) 2-Methylnaphthalene	12.14	142	293813	38.81	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	143900	35.43	ng	#	100
40) Hexachlorocyclopentadiene	12.49	237	71697	31.65	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	102485	38.68	ng		99
43) 2,4,5-Trichlorophenol	12.83	196	109699	39.40	ng	#	89
45) 1,1'-Biphenyl	13.16	154	403861	36.05	ng		98
46) 2-Chloronaphthalene	13.20	162	307175	37.33	ng	#	91
47) 2-Nitroaniline	13.42	65	86823	42.53	ng		100
48) Acenaphthylene	14.06	152	535098	39.00	ng		99
49) Dimethylphthalate	13.80	163	412327	39.60	ng		99
50) 2,6-Dinitrotoluene	13.92	165	89254	41.09	ng		96
51) Acenaphthene	14.40	154	306093	38.50	ng		100
52) 3-Nitroaniline	14.25	138	98533	44.32	ng		85
53) 2,4-Dinitrophenol	14.46	184	37392	34.68	ng	#	81
54) Dibenzofuran	14.74	168	447511	38.97	ng		94
55) 4-Nitrophenol	14.57	139	80486	43.84	ng		80
56) 2,4-Dinitrotoluene	14.71	165	125345	44.47	ng	#	75
57) Fluorene	15.39	166	387407	40.70	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.97	232	90658	42.36	ng	#	100
59) Diethylphthalate	15.17	149	427763	41.85	ng		98
60) 4-Chlorophenyl-phenylether	15.39	204	186782	38.80	ng		94
61) 4-Nitroaniline	15.42	138	108694	47.88	ng		77
62) Azobenzene	15.67	77	354979	44.30	ng		96
64) 4,6-Dinitro-2-methylphenol	15.48	198	64788	36.72	ng		85
65) n-Nitrosodiphenylamine	15.60	169	344491	37.26	ng		98
66) 4-Bromophenyl-phenylether	16.28	248	115303	36.57	ng	#	86
67) Hexachlorobenzene	16.40	284	124526	36.76	ng	#	84
68) Atrazine	16.56	200	123113	42.69	ng		98
69) Pentachlorophenol	16.74	266	73327	37.92	ng		98
70) Phenanthrene	17.13	178	634972	38.69	ng		99
71) Anthracene	17.22	178	643489	39.46	ng		99
72) Carbazole	17.49	167	612698	43.13	ng		100
73) Di-n-butylphthalate	18.06	149	747814	45.03	ng		99
74) Fluoranthene	19.15	202	762901	45.08	ng		97
76) Benzidine	19.34	184	424063	39.27	ng		99
77) Pyrene	19.52	202	786430	33.26	ng		100
79) Butylbenzylphthalate	20.42	149	362120	39.77	ng		93
80) Benzo(a)anthracene	21.27	228	764304	37.81	ng		99
81) 3,3'-Dichlorobenzidine	21.21	252	279167	43.38	ng		98
82) Chrysene	21.33	228	733991	37.73	ng		100
83) Bis(2-ethylhexyl)phthalate	21.20	149	511695	40.98	ng		98
84) Di-n-octyl phthalate	22.08	149	945235	45.82	ng		96
85) Indeno(1,2,3-cd)pyrene	25.79	276	781049	38.21	ng	#	100
87) Benzo(b)fluoranthene	22.86	252	790934	39.59	ng		98
88) Benzo(k)fluoranthene	22.90	252	720108	36.92	ng		99
89) Benzo(a)pyrene	23.43	252	718002	38.21	ng	#	98
90) Dibenzo(a,h)anthracene	25.80	278	641158	34.95	ng		98
91) Benzo(g,h,i)perylene	26.48	276	631656	34.08	ng		99

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

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