Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003438.D
Acq On : 10 Dec 2015 06:30
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Dec 10 07:13:17 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	7.72	152	88636	20.00	ng		0.00
21) Naphthalene-d8	10.52	136	418004	20.00	ng		0.00
38) Acenaphthene-d10	14.37	164	245827	20.00	ng		0.00
63) Phenanthrene-d10	17.12	188	522408	20.00	ng		0.00
75) Chrysene-d12	21.32	240	425313	20.00	ng		0.00
86) Perylene-d12	23.57	264	372086	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	410241	82.29	ng		0.00
7) Phenol-d6	6.89	99	577343	83.40	ng		0.00
23) Nitrobenzene-d5	8.88	82	557178	82.65	ng		0.00
41) 2,4,6-Tribromophenol	15.87	330	212169	86.42	ng		0.00
44) 2-Fluorobiphenyl	12.99	172	1396334	77.39	ng		0.00
78) Terphenyl-d14	19.76	244	1480555	82.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	79803	38.58	ng	#	100
3) Pyridine	3.61	79	235229	40.59	ng		88
4) n-Nitrosodimethylamine	3.53	42	77078	41.54	ng		83
6) Aniline	7.05	93	376308	41.29	ng		96
8) 2-Chlorophenol	7.29	128	262800	41.63	ng		95
9) Benzaldehyde	6.86	77	139862	41.20	ng		96
10) Phenol	6.92	94	306086	41.67	ng	#	71
11) bis(2-Chloroethyl)ether	7.15	93	239617	40.32	ng		97
12) 1,3-Dichlorobenzene	7.61	146	280027	40.38	ng		98
13) 1,4-Dichlorobenzene	7.76	146	286469	40.06	ng		97
14) 1,2-Dichlorobenzene	8.07	146	274597	40.22	ng		97
15) Benzyl Alcohol	7.96	79	210038	43.85	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.26	45	255358	40.22	ng		91
17) 2-Methylphenol	8.16	107	220156	42.87	ng		97
18) Hexachloroethane	8.80	117	100929	41.08	ng		92
19) n-Nitroso-di-n-propylamine	8.53	70	193912	42.70	ng	#	87
20) 3+4-Methylphenols	8.49	107	306442	43.13	ng		96
22) Acetophenone	8.55	105	416401	40.65	ng	#	89
24) Nitrobenzene	8.93	77	299808	41.13	ng	#	88
25) Isophorone	9.45	82	577645	42.36	ng		97
26) 2-Nitrophenol	9.63	139	153720	41.70	ng		93
27) 2,4-Dimethylphenol	9.69	122	263605	41.06	ng		94
28) bis(2-Chloroethoxy)methane	9.93	93	328946	40.15	ng		98
29) 2,4-Dichlorophenol	10.16	162	257702	42.14	ng		98
30) 1,2,4-Trichlorobenzene	10.38	180	273356	40.04	ng		98
31) Naphthalene	10.56	128	873035	39.91	ng		100
32) Benzoic acid	9.85	122	178923	45.18	ng		97
33) 4-Chloroaniline	10.67	127	376354	41.68	ng	#	94
34) Hexachlorobutadiene	10.85	225	163034	40.27	ng		97
35) Caprolactam	11.46	113	89292	44.17	ng	#	71
36) 4-Chloro-3-methylphenol	11.80	107	296564	43.01	ng		90
37) 2-Methylnaphthalene	12.18	142	605216	40.34	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	308757	39.07	ng	#	100
40) Hexachlorocyclopentadiene	12.53	237	167616	38.02	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	217998	42.29	ng		100
43) 2,4,5-Trichlorophenol	12.87	196	227420	41.98	ng	#	90
45) 1,1'-Biphenyl	13.20	154	847043	38.86	ng		99
46) 2-Chloronaphthalene	13.24	162	630352	39.37	ng	#	93
47) 2-Nitroaniline	13.45	65	166800	42.00	ng		95
48) Acenaphthylene	14.10	152	1067514	39.99	ng		99
49) Dimethylphthalate	13.84	163	825468	40.75	ng		99
50) 2,6-Dinitrotoluene	13.96	165	179606	42.49	ng		94
51) Acenaphthene	14.44	154	608662	39.35	ng		100
52) 3-Nitroaniline	14.29	138	190214	43.98	ng		89
53) 2,4-Dinitrophenol	14.49	184	82281	38.33	ng	#	80
54) Dibenzofuran	14.77	168	883542	39.54	ng		93
55) 4-Nitrophenol	14.59	139	150831	42.23	ng		80
56) 2,4-Dinitrotoluene	14.74	165	243731	44.44	ng	#	71
57) Fluorene	15.43	166	731517	39.49	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.00	232	177148	42.54	ng	#	100
59) Diethylphthalate	15.20	149	826102	41.54	ng		98
60) 4-Chlorophenyl-phenylether	15.42	204	363015	38.76	ng		93
61) 4-Nitroaniline	15.45	138	191614	43.38	ng	#	74
62) Azobenzene	15.72	77	645967	41.43	ng		97
64) 4,6-Dinitro-2-methylphenol	15.51	198	127361	40.41	ng		82
65) n-Nitrosodiphenylamine	15.64	169	655514	39.69	ng		99
66) 4-Bromophenyl-phenylether	16.32	248	226096	40.14	ng	#	86
67) Hexachlorobenzene	16.43	284	241240	39.86	ng	#	84
68) Atrazine	16.59	200	222588	43.21	ng		98
69) Pentachlorophenol	16.77	266	147746	42.77	ng		98
70) Phenanthrene	17.16	178	1146126	39.10	ng		99
71) Anthracene	17.26	178	1176913	40.41	ng		99
72) Carbazole	17.53	167	1040456	41.00	ng		100
73) Di-n-butylphthalate	18.09	149	1323561	44.62	ng		99
74) Fluoranthene	19.19	202	1228511	40.64	ng		97
76) Benzidine	19.37	184	582504	42.75	ng		99
77) Pyrene	19.55	202	1240320	41.58	ng		100
79) Butylbenzylphthalate	20.46	149	520898	45.35	ng		97
80) Benzo(a)anthracene	21.30	228	1024837	40.19	ng		100
81) 3,3'-Dichlorobenzidine	21.24	252	348622	42.94	ng		98
82) Chrysene	21.36	228	971575	39.59	ng		100
83) Bis(2-ethylhexyl)phthalate	21.23	149	685486	43.51	ng		99
84) Di-n-octyl phthalate	22.11	149	1134372	43.58	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.86	276	1006078	39.02	ng	#	100
87) Benzo(b)fluoranthene	22.90	252	902371	39.90	ng		97
88) Benzo(k)fluoranthene	22.94	252	907077	41.08	ng		99
89) Benzo(a)pyrene	23.47	252	871279	40.95	ng	#	98
90) Dibenzo(a,h)anthracene	25.86	278	836000	40.25	ng		98
91) Benzo(g,h,i)perylene	26.56	276	843527	40.20	ng		99

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

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