Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
Data File : BM003707.D
Acq On : 22 Dec 2015 14:31
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Dec 22 15:52:04 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	7.69	152	42521	20.00	ng		-0.03
21) Naphthalene-d8	10.48	136	175941	20.00	ng		-0.04
38) Acenaphthene-d10	14.34	164	92500	20.00	ng		-0.03
63) Phenanthrene-d10	17.10	188	194801	20.00	ng		-0.02
75) Chrysene-d12	21.30	240	208973	20.00	ng		-0.02
86) Perylene-d12	23.54	264	204491	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	203153	84.94	ng		-0.03
7) Phenol-d6	6.87	99	264779	79.73	ng		-0.02
23) Nitrobenzene-d5	8.85	82	250250	88.19	ng		-0.03
41) 2,4,6-Tribromophenol	15.84	330	77736	84.15	ng		-0.02
44) 2-Fluorobiphenyl	12.96	172	553817	81.57	ng		-0.03
78) Terphenyl-d14	19.73	244	712386	80.39	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	40261	40.57	ng	#	100
3) Pyridine	3.58	79	114487	41.18	ng		90
4) n-Nitrosodimethylamine	3.50	42	39979	44.92	ng		89
6) Aniline	7.02	93	172373	39.43	ng		98
8) 2-Chlorophenol	7.26	128	121883	40.25	ng		96
9) Benzaldehyde	6.83	77	64250	39.45	ng		98
10) Phenol	6.90	94	140917	39.99	ng	#	71
11) bis(2-Chloroethyl)ether	7.12	93	110806	38.86	ng		98
12) 1,3-Dichlorobenzene	7.58	146	136294	40.97	ng		98
13) 1,4-Dichlorobenzene	7.73	146	138827	40.47	ng		96
14) 1,2-Dichlorobenzene	8.05	146	131655	40.19	ng		96
15) Benzyl Alcohol	7.93	79	90494	39.38	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.23	45	126227	41.45	ng		93
17) 2-Methylphenol	8.14	107	97410	39.54	ng		97
18) Hexachloroethane	8.76	117	48651	41.28	ng		94
19) n-Nitroso-di-n-propylamine	8.50	70	84298	38.70	ng		89
20) 3+4-Methylphenols	8.47	107	130738	38.35	ng		97
22) Acetophenone	8.52	105	176605	40.96	ng	#	91
24) Nitrobenzene	8.89	77	132454	43.17	ng		92
25) Isophorone	9.41	82	229929	40.06	ng		96
26) 2-Nitrophenol	9.60	139	62770	40.45	ng		90
27) 2,4-Dimethylphenol	9.67	122	110735	40.98	ng		94
28) bis(2-Chloroethoxy)methane	9.90	93	138354	40.12	ng		99
29) 2,4-Dichlorophenol	10.13	162	104778	40.71	ng		98
30) 1,2,4-Trichlorobenzene	10.35	180	118038	41.08	ng		97
31) Naphthalene	10.53	128	379564	41.23	ng		99
32) Benzoic acid	9.80	122	58624	37.67	ng		96
33) 4-Chloroaniline	10.65	127	150794	39.68	ng	#	94
34) Hexachlorobutadiene	10.82	225	70854	41.58	ng		98
35) Caprolactam	11.42	113	31963	37.56	ng	#	77
36) 4-Chloro-3-methylphenol	11.78	107	115357	39.75	ng		88
37) 2-Methylnaphthalene	12.15	142	248520	39.35	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	120349	40.47	ng	#	100
40) Hexachlorocyclopentadiene	12.50	237	62159	37.47	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	80360	41.43	ng		99
43) 2,4,5-Trichlorophenol	12.85	196	84976	41.69	ng	#	90
45) 1,1'-Biphenyl	13.17	154	329460	40.16	ng		98
46) 2-Chloronaphthalene	13.22	162	251901	41.81	ng	#	92
47) 2-Nitroaniline	13.43	65	63678	42.61	ng		98
48) Acenaphthylene	14.07	152	417797	41.59	ng		100
49) Dimethylphthalate	13.81	163	308961	40.53	ng		98
50) 2,6-Dinitrotoluene	13.93	165	65725	41.33	ng		96
51) Acenaphthene	14.41	154	240675	41.35	ng		100
52) 3-Nitroaniline	14.26	138	70700	43.44	ng		86
53) 2,4-Dinitrophenol	14.47	184	29788	37.13	ng	#	84
54) Dibenzofuran	14.74	168	345430	41.09	ng		93
55) 4-Nitrophenol	14.57	139	55820	41.53	ng		76
56) 2,4-Dinitrotoluene	14.72	165	89069	43.16	ng	#	74
57) Fluorene	15.40	166	294594	42.27	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.98	232	66437	42.40	ng	#	100
59) Diethylphthalate	15.17	149	311951	41.68	ng		98
60) 4-Chlorophenyl-phenylether	15.39	204	143731	40.78	ng		91
61) 4-Nitroaniline	15.43	138	73416	44.17	ng	#	75
62) Azobenzene	15.69	77	260014	44.32	ng		97
64) 4,6-Dinitro-2-methylphenol	15.49	198	47967	40.81	ng		87
65) n-Nitrosodiphenylamine	15.61	169	252688	41.03	ng		99
66) 4-Bromophenyl-phenylether	16.29	248	84537	40.25	ng	#	84
67) Hexachlorobenzene	16.40	284	91431	40.52	ng	#	80
68) Atrazine	16.56	200	83125	43.28	ng		98
69) Pentachlorophenol	16.75	266	48999	38.04	ng		98
70) Phenanthrene	17.14	178	455230	41.64	ng		100
71) Anthracene	17.23	178	459459	42.30	ng		100
72) Carbazole	17.50	167	418979	44.28	ng		100
73) Di-n-butylphthalate	18.06	149	502437	45.42	ng		99
74) Fluoranthene	19.16	202	510562	45.29	ng		98
76) Benzidine	19.35	184	280101	41.84	ng		99
77) Pyrene	19.53	202	535200	36.52	ng		100
79) Butylbenzylphthalate	20.43	149	220846	39.13	ng		94
80) Benzo(a)anthracene	21.28	228	508225	40.56	ng		99
81) 3,3'-Dichlorobenzidine	21.22	252	183216	45.93	ng		99
82) Chrysene	21.33	228	483731	40.12	ng		100
83) Bis(2-ethylhexyl)phthalate	21.21	149	321328	41.51	ng		99
84) Di-n-octyl phthalate	22.09	149	562219	43.96	ng	#	95
85) Indeno(1,2,3-cd)pyrene	25.81	276	575905	45.46	ng	#	100
87) Benzo(b)fluoranthene	22.87	252	507191	40.80	ng		98
88) Benzo(k)fluoranthene	22.92	252	482685	39.78	ng		99
89) Benzo(a)pyrene	23.44	252	478536	40.93	ng	#	97
90) Dibenzo(a,h)anthracene	25.81	278	481932	42.22	ng		98
91) Benzo(g,h,i)perylene	26.50	276	473587	41.06	ng		99

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

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