Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003798.D
Acq On : 25 Dec 2015 03:15
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Dec 25 06:52:20 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	49745	20.00	ng		-0.04
21) Naphthalene-d8	10.47	136	238039	20.00	ng		-0.05
38) Acenaphthene-d10	14.34	164	141278	20.00	ng		-0.04
63) Phenanthrene-d10	17.09	188	317947	20.00	ng		-0.04
75) Chrysene-d12	21.29	240	347478	20.00	ng		-0.04
86) Perylene-d12	23.52	264	324821	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	221859	79.29	ng		-0.03
7) Phenol-d6	6.86	99	316676	81.51	ng		-0.04
23) Nitrobenzene-d5	8.84	82	314591	81.94	ng		-0.04
41) 2,4,6-Tribromophenol	15.83	330	118108	83.71	ng		-0.04
44) 2-Fluorobiphenyl	12.95	172	744113	71.76	ng		-0.04
78) Terphenyl-d14	19.72	244	1060207	71.96	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	45491	39.18	ng	#	100
3) Pyridine	3.57	79	130608	40.16	ng		90
4) n-Nitrosodimethylamine	3.49	42	45740	43.93	ng		91
6) Aniline	7.02	93	208405	40.75	ng		98
8) 2-Chlorophenol	7.25	128	140516	39.66	ng		98
9) Benzaldehyde	6.83	77	78026	40.96	ng		97
10) Phenol	6.89	94	169259	41.06	ng	#	71
11) bis(2-Chloroethyl)ether	7.11	93	133247	39.95	ng		99
12) 1,3-Dichlorobenzene	7.57	146	151853	39.02	ng		98
13) 1,4-Dichlorobenzene	7.72	146	157783	39.32	ng		96
14) 1,2-Dichlorobenzene	8.03	146	150148	39.18	ng		96
15) Benzyl Alcohol	7.92	79	115692	43.03	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	155288	43.58	ng		94
17) 2-Methylphenol	8.13	107	120575	41.83	ng		97
18) Hexachloroethane	8.75	117	55235	40.06	ng		94
19) n-Nitroso-di-n-propylamine	8.49	70	110443	43.34	ng		90
20) 3+4-Methylphenols	8.46	107	165561	41.52	ng		97
22) Acetophenone	8.50	105	221507	37.97	ng	#	91
24) Nitrobenzene	8.89	77	167451	40.34	ng		90
25) Isophorone	9.40	82	318586	41.03	ng		97
26) 2-Nitrophenol	9.59	139	79982	38.10	ng	#	89
27) 2,4-Dimethylphenol	9.66	122	142813	39.07	ng		93
28) bis(2-Chloroethoxy)methane	9.89	93	180635	38.71	ng		99
29) 2,4-Dichlorophenol	10.12	162	136922	39.32	ng		98
30) 1,2,4-Trichlorobenzene	10.34	180	146242	37.61	ng		98
31) Naphthalene	10.52	128	479068	38.46	ng		100
32) Benzoic acid	9.81	122	82940	38.94	ng		97
33) 4-Chloroaniline	10.63	127	203310	39.54	ng	#	93
34) Hexachlorobutadiene	10.80	225	86900	37.69	ng		98
35) Caprolactam	11.41	113	50603	43.96	ng	#	79
36) 4-Chloro-3-methylphenol	11.77	107	161818	41.21	ng		88
37) 2-Methylnaphthalene	12.14	142	331784	38.83	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	161047	35.46	ng	#	100
40) Hexachlorocyclopentadiene	12.49	237	79687	31.45	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	114890	38.78	ng		99
43) 2,4,5-Trichlorophenol	12.83	196	122142	39.23	ng	#	88
45) 1,1'-Biphenyl	13.16	154	451006	36.00	ng		99
46) 2-Chloronaphthalene	13.20	162	344499	37.44	ng	#	92
47) 2-Nitroaniline	13.42	65	96430	42.25	ng		99
48) Acenaphthylene	14.06	152	594849	38.77	ng		99
49) Dimethylphthalate	13.80	163	454732	39.06	ng		100
50) 2,6-Dinitrotoluene	13.92	165	98834	40.69	ng		96
51) Acenaphthene	14.40	154	338055	38.03	ng		99
52) 3-Nitroaniline	14.25	138	107420	43.21	ng		86
53) 2,4-Dinitrophenol	14.46	184	41594	34.53	ng	#	80
54) Dibenzofuran	14.74	168	496301	38.65	ng		94
55) 4-Nitrophenol	14.57	139	85977	41.88	ng		81
56) 2,4-Dinitrotoluene	14.71	165	137326	43.57	ng	#	75
57) Fluorene	15.39	166	421049	39.55	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.97	232	98480	41.15	ng	#	100
59) Diethylphthalate	15.16	149	464248	40.62	ng		98
60) 4-Chlorophenyl-phenylether	15.38	204	203935	37.89	ng		91
61) 4-Nitroaniline	15.42	138	115342	45.43	ng	#	74
62) Azobenzene	15.67	77	389866	43.51	ng		96
64) 4,6-Dinitro-2-methylphenol	15.47	198	71006	37.02	ng		90
65) n-Nitrosodiphenylamine	15.60	169	372761	37.08	ng		98
66) 4-Bromophenyl-phenylether	16.28	248	126288	36.84	ng	#	88
67) Hexachlorobenzene	16.39	284	137277	37.27	ng	#	80
68) Atrazine	16.55	200	131925	42.08	ng		97
69) Pentachlorophenol	16.74	266	79492	37.81	ng		98
70) Phenanthrene	17.13	178	685320	38.41	ng		100
71) Anthracene	17.22	178	698391	39.40	ng		99
72) Carbazole	17.49	167	652159	42.23	ng		99
73) Di-n-butylphthalate	18.05	149	798345	44.22	ng		99
74) Fluoranthene	19.15	202	806670	43.84	ng		97
76) Benzidine	19.34	184	442279	39.73	ng		99
77) Pyrene	19.52	202	828901	34.01	ng		100
79) Butylbenzylphthalate	20.42	149	377524	40.23	ng		90
80) Benzo(a)anthracene	21.27	228	791340	37.98	ng		99
81) 3,3'-Dichlorobenzidine	21.20	252	288104	43.43	ng		99
82) Chrysene	21.32	228	756744	37.74	ng		100
83) Bis(2-ethylhexyl)phthalate	21.20	149	536230	41.66	ng		99
84) Di-n-octyl phthalate	22.07	149	971789	45.70	ng		96
85) Indeno(1,2,3-cd)pyrene	25.78	276	738226	35.04	ng	#	100
87) Benzo(b)fluoranthene	22.85	252	792285	40.13	ng		98
88) Benzo(k)fluoranthene	22.89	252	730788	37.91	ng		99
89) Benzo(a)pyrene	23.43	252	715729	38.54	ng	#	97
90) Dibenzo(a,h)anthracene	25.79	278	611984	33.75	ng		98
91) Benzo(g,h,i)perylene	26.47	276	586839	32.03	ng		99

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

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