Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003414.D
Acq On : 09 Dec 2015 16:05
Operator : UM/IZ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICCC040

Quant Time: Dec 09 17:01:55 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 16:57:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	75722	20.00	ng		0.00
21) Naphthalene-d8	10.52	136	344071	20.00	ng		0.00
38) Acenaphthene-d10	14.37	164	190803	20.00	ng		0.00
63) Phenanthrene-d10	17.12	188	374262	20.00	ng		0.00
75) Chrysene-d12	21.32	240	317086	20.00	ng		0.00
86) Perylene-d12	23.57	264	295921	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	359017	81.98	ng		0.00
7) Phenol-d6	6.89	99	494425	90.18	ng		0.00
23) Nitrobenzene-d5	8.88	82	471972	87.93	ng		0.00
41) 2,4,6-Tribromophenol	15.87	330	157440	85.39	ng		0.00
44) 2-Fluorobiphenyl	12.99	172	1154829	87.05	ng		0.00
78) Terphenyl-d14	19.76	244	1079012	83.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	73379	37.66	ng	#	100
3) Pyridine	3.61	79	206670	39.05	ng		88
4) n-Nitrosodimethylamine	3.53	42	66775	30.50	ng		87
6) Aniline	7.05	93	322210	41.54	ng		96
8) 2-Chlorophenol	7.29	128	223905	42.59	ng		95
9) Benzaldehyde	6.86	77	127757	54.56	ng		96
10) Phenol	6.92	94	259138	40.57	ng	#	72
11) bis(2-Chloroethyl)ether	7.15	93	210000	43.51	ng		96
12) 1,3-Dichlorobenzene	7.61	146	244458	41.94	ng		98
13) 1,4-Dichlorobenzene	7.76	146	251195	41.45	ng		97
14) 1,2-Dichlorobenzene	8.07	146	238826	42.80	ng		96
15) Benzyl Alcohol	7.96	79	174721	41.43	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	222949	35.36	ng		92
17) 2-Methylphenol	8.16	107	183553	43.05	ng		96
18) Hexachloroethane	8.80	117	87896	43.76	ng		92
19) n-Nitroso-di-n-propylamine	8.53	70	163549	43.24	ng		88
20) 3+4-Methylphenols	8.49	107	253542	44.77	ng		97
22) Acetophenone	8.55	105	351165	45.01	ng	#	89
24) Nitrobenzene	8.92	77	250956	43.36	ng		90
25) Isophorone	9.45	82	478488	44.30	ng		98
26) 2-Nitrophenol	9.63	139	125409	44.82	ng		93
27) 2,4-Dimethylphenol	9.69	122	219808	43.03	ng		95
28) bis(2-Chloroethoxy)methane	9.93	93	278200	42.58	ng		99
29) 2,4-Dichlorophenol	10.16	162	212886	43.62	ng		98
30) 1,2,4-Trichlorobenzene	10.38	180	231672	42.54	ng		98
31) Naphthalene	10.56	128	735677	41.27	ng		100
32) Benzoic acid	9.83	122	132158	52.38	ng		97
33) 4-Chloroaniline	10.67	127	306321	42.37	ng	#	94
34) Hexachlorobutadiene	10.85	225	137259	44.06	ng		97
35) Caprolactam	11.45	113	66167	45.95	ng	#	73
36) 4-Chloro-3-methylphenol	11.80	107	237348	47.36	ng		92
37) 2-Methylnaphthalene	12.18	142	504490	42.16	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	256179	44.15	ng	#	100
40) Hexachlorocyclopentadiene	12.53	237	143512	56.07	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	172121	43.32	ng		99
43) 2,4,5-Trichlorophenol	12.87	196	177263	41.30	ng	#	91
45) 1,1'-Biphenyl	13.20	154	696208	44.77	ng		99
46) 2-Chloronaphthalene	13.25	162	509628	40.80	ng	#	93
47) 2-Nitroaniline	13.45	65	126744	41.33	ng		95
48) Acenaphthylene	14.10	152	856926	41.17	ng		100
49) Dimethylphthalate	13.83	163	636970	44.06	ng		99
50) 2,6-Dinitrotoluene	13.96	165	137838	45.85	ng		93
51) Acenaphthene	14.44	154	486777	40.98	ng		100
52) 3-Nitroaniline	14.28	138	142092	41.59	ng		85
53) 2,4-Dinitrophenol	14.49	184	63085	63.02	ng	#	81
54) Dibenzofuran	14.77	168	698639	39.83	ng		94
55) 4-Nitrophenol	14.59	139	110523	43.64	ng		81
56) 2,4-Dinitrotoluene	14.74	165	178769	45.62	ng	#	69
57) Fluorene	15.43	166	578989	39.82	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.00	232	134104	40.80	ng	#	100
59) Diethylphthalate	15.20	149	622263	44.28	ng		99
60) 4-Chlorophenyl-phenylether	15.42	204	288999	42.85	ng		93
61) 4-Nitroaniline	15.45	138	135172	39.90	ng	#	75
62) Azobenzene	15.72	77	496827	38.44	ng		97
64) 4,6-Dinitro-2-methylphenol	15.51	198	92626	59.55	ng		81
65) n-Nitrosodiphenylamine	15.64	169	500566	40.29	ng		98
66) 4-Bromophenyl-phenylether	16.32	248	171092	42.57	ng	#	86
67) Hexachlorobenzene	16.43	284	179707	40.88	ng	#	85
68) Atrazine	16.59	200	159595	45.11	ng		99
69) Pentachlorophenol	16.77	266	103102	51.17	ng		97
70) Phenanthrene	17.16	178	853390	39.78	ng		99
71) Anthracene	17.26	178	856991	40.18	ng		99
72) Carbazole	17.53	167	747678	37.25	ng		99
73) Di-n-butylphthalate	18.09	149	900253	39.81	ng		99
74) Fluoranthene	19.19	202	870939	37.52	ng		97
76) Benzidine	19.37	184	441428	48.59	ng		98
77) Pyrene	19.55	202	892529	44.54	ng		100
79) Butylbenzylphthalate	20.46	149	345043	43.38	ng		96
80) Benzo(a)anthracene	21.30	228	779742	41.05	ng		100
81) 3,3'-Dichlorobenzidine	21.24	252	265301	42.07	ng		100
82) Chrysene	21.36	228	737026	43.01	ng		99
83) Bis(2-ethylhexyl)phthalate	21.23	149	483489	40.39	ng		98
84) Di-n-octyl phthalate	22.12	149	804823	39.43	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.86	276	828919	38.98	ng	#	100
87) Benzo(b)fluoranthene	22.90	252	729432	38.03	ng		98
88) Benzo(k)fluoranthene	22.94	252	718055	46.02	ng		99
89) Benzo(a)pyrene	23.48	252	698800	42.76	ng	#	98
90) Dibenzo(a,h)anthracene	25.87	278	690862	42.61	ng		99
91) Benzo(g,h,i)perylene	26.56	276	697358	42.49	ng		98

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

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