Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003417.D
Acq On : 09 Dec 2015 17:53
Operator : UM/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
MMdadoda
12/10/2015 5:48:30 PM

Quant Time: Dec 09 18:32:57 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 17:19:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	77674	20.00	ng		0.00
21) Naphthalene-d8	10.52	136	361498	20.00	ng		0.00
38) Acenaphthene-d10	14.38	164	208851	20.00	ng		0.00
63) Phenanthrene-d10	17.13	188	453134	20.00	ng		0.00
75) Chrysene-d12	21.32	240	368373	20.00	ng		0.00
86) Perylene-d12	23.57	264	321376	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	694204	79.17	ng		0.00
7) Phenol-d6	6.90	99	963183	79.10	ng		0.00
23) Nitrobenzene-d5	8.89	82	941732	80.89	ng		0.01
41) 2,4,6-Tribromophenol	15.87	330	349646	84.84	ng		0.00
44) 2-Fluorobiphenyl	13.00	172	2165465	68.14	ng		0.00
78) Terphenyl-d14	19.76	244	2338581	72.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	136415	73.63	ng	#	100
3) Pyridine	3.61	79	407031	80.01	ng		88
4) n-Nitrosodimethylamine	3.53	42	135554	84.39	ng		86
6) Aniline	7.06	93	640663	80.15	ng		96
8) 2-Chlorophenol	7.29	128	441788	79.67	ng		95
9) Benzaldehyde	6.87	77	185655	58.55	ng		95
10) Phenol	6.93	94	513490	79.50	ng	#	72
11) bis(2-Chloroethyl)ether	7.16	93	405323	77.02	ng		96
12) 1,3-Dichlorobenzene	7.62	146	472499	76.90	ng		98
13) 1,4-Dichlorobenzene	7.76	146	488013	76.99	ng		96
14) 1,2-Dichlorobenzene	8.07	146	465653	76.96	ng		96
15) Benzyl Alcohol	7.97	79	359435	87.66	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.26	45	429185	76.12	ng		91
17) 2-Methylphenol	8.17	107	368315	82.39	ng		96
18) Hexachloroethane	8.80	117	175972	82.26	ng		93
19) n-Nitroso-di-n-propylamine	8.54	70	322784	81.42	ng	#	87
20) 3+4-Methylphenols	8.50	107	512922	83.07	ng		98
22) Acetophenone	8.55	105	690497	77.03	ng	#	89
24) Nitrobenzene	8.93	77	506230	80.29	ng		90
25) Isophorone	9.45	82	976479	83.54	ng		97
26) 2-Nitrophenol	9.63	139	265253	90.67	ng	#	90
27) 2,4-Dimethylphenol	9.70	122	443385	79.63	ng		95
28) bis(2-Chloroethoxy)methane	9.93	93	550705	76.79	ng		99
29) 2,4-Dichlorophenol	10.16	162	432762	82.36	ng		98
30) 1,2,4-Trichlorobenzene	10.38	180	458850	76.81	ng		97
31) Naphthalene	10.57	128	1439981	74.70	ng		100
32) Benzoic acid	9.90	122	378629m	134.34	ng		
33) 4-Chloroaniline	10.67	127	629713	80.48	ng	#	95
34) Hexachlorobutadiene	10.85	225	271520	76.75	ng		97
35) Caprolactam	11.49	113	156298m	102.38	ng		
36) 4-Chloro-3-methylphenol	11.81	107	497661	84.30	ng		90
37) 2-Methylnaphthalene	12.19	142	993960	75.20	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	508018	74.47	ng	#	100
40) Hexachlorocyclopentadiene	12.54	237	303641	88.23	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	360538	83.37	ng		99
43) 2,4,5-Trichlorophenol	12.87	196	376967	82.78	ng	#	90
45) 1,1'-Biphenyl	13.21	154	1369022	72.14	ng		99
46) 2-Chloronaphthalene	13.25	162	1030055	74.45	ng	#	93
47) 2-Nitroaniline	13.46	65	283464	92.94	ng		94
48) Acenaphthylene	14.10	152	1736860	75.56	ng		99
49) Dimethylphthalate	13.85	163	1346473	77.53	ng		99
50) 2,6-Dinitrotoluene	13.96	165	302180	85.48	ng		94
51) Acenaphthene	14.45	154	988235	73.59	ng		99
52) 3-Nitroaniline	14.29	138	320334	89.60	ng		89
53) 2,4-Dinitrophenol	14.50	184	168297	123.03	ng	#	80
54) Dibenzofuran	14.78	168	1426416	73.50	ng		93
55) 4-Nitrophenol	14.60	139	269904	102.78	ng		81
56) 2,4-Dinitrotoluene	14.75	165	412843	91.39	ng	#	72
57) Fluorene	15.43	166	1143773	70.38	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.00	232	295964	84.63	ng	#	100
59) Diethylphthalate	15.21	149	1376025	81.44	ng		98
60) 4-Chlorophenyl-phenylether	15.42	204	569193	68.98	ng		91
61) 4-Nitroaniline	15.46	138	330988	98.61	ng	#	75
62) Azobenzene	15.72	77	1067912	80.61	ng		98
64) 4,6-Dinitro-2-methylphenol	15.52	198	239850	101.53	ng		83
65) n-Nitrosodiphenylamine	15.64	169	1058189	72.37	ng		99
66) 4-Bromophenyl-phenylether	16.32	248	371194	74.97	ng	#	84
67) Hexachlorobenzene	16.43	284	397417	74.48	ng	#	81
68) Atrazine	16.60	200	350722	78.23	ng		98
69) Pentachlorophenol	16.77	266	254741	96.79	ng		98
70) Phenanthrene	17.17	178	1852973	70.74	ng		98
71) Anthracene	17.26	178	1887571	73.21	ng		99
72) Carbazole	17.53	167	1721007	77.29	ng		99
73) Di-n-butylphthalate	18.09	149	2190518	86.90	ng		99
74) Fluoranthene	19.19	202	2006386	74.87	ng		98
76) Benzidine	19.37	184	909368	85.96	ng	#	94
77) Pyrene	19.56	202	2034705	78.07	ng		99
79) Butylbenzylphthalate	20.46	149	887789	101.24	ng		96
80) Benzo(a)anthracene	21.30	228	1702995	76.08	ng		99
81) 3,3'-Dichlorobenzidine	21.24	252	550978	78.37	ng		99
82) Chrysene	21.36	228	1608796	74.18	ng		99
83) Bis(2-ethylhexyl)phthalate	21.23	149	1134868	91.08	ng		99
84) Di-n-octyl phthalate	22.12	149	1931283	96.99	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.87	276	1654165	73.27	ng	#	100
87) Benzo(b)fluoranthene	22.90	252	1530176	77.67	ng		99
88) Benzo(k)fluoranthene	22.94	252	1488756	77.10	ng		99
89) Benzo(a)pyrene	23.48	252	1459832	79.13	ng	#	98
90) Dibenzo(a,h)anthracene	25.87	278	1370915	75.65	ng		98
91) Benzo(g,h,i)perylene	26.57	276	1409651	77.42	ng		99

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

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