Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
Data File : BF080701.D
Acq On : 30 Jul 2015 19:40
Operator : TP/UM
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
MMDadoda
7/31/2015 11:21:46 AM

Quant Time: Jul 31 01:47:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:18:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	155960m	20.00	ng		0.01
21) Naphthalene-d8	8.14	136	595777	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	265034	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	476154	20.00	ng		0.00
75) Chrysene-d12	14.01	240	306221	20.00	ng		0.01
86) Perylene-d12	15.41	264	273578	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1386274	143.85	ng		0.01
7) Phenol-d6	6.50	99	1911386	175.37	ng		0.01
23) Nitrobenzene-d5	7.42	82	1827467	156.02	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	380484	155.33	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	2407524	117.15	ng		0.00
78) Terphenyl-d14	12.96	244	2145304	118.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	370952	88.10	ng		97
3) Pyridine	3.22	79	1019153	94.14	ng		99
4) n-Nitrosodimethylamine	3.18	42	591009	86.62	ng		99
6) Aniline	6.53	93	1355145	88.16	ng		97
8) 2-Chlorophenol	6.65	128	780665	80.07	ng		92
9) Benzaldehyde	6.41	77	492718	68.26	ng		93
10) Phenol	6.51	94	1204942	96.56	ng		86
11) bis(2-Chloroethyl)ether	6.60	93	770176	88.04	ng		96
12) 1,3-Dichlorobenzene	6.80	146	817507m	69.79	ng		
13) 1,4-Dichlorobenzene	6.88	146	818901m	70.34	ng		
14) 1,2-Dichlorobenzene	7.04	146	819726	75.68	ng		91
15) Benzyl Alcohol	7.00	79	752334	84.05	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1672902	99.23	ng		100
17) 2-Methylphenol	7.12	107	642913	91.79	ng		97
18) Hexachloroethane	7.37	117	331288	85.30	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	635154	97.30	ng		99
20) 3+4-Methylphenols	7.28	107	780437	82.44	ng		96
22) Acetophenone	7.28	105	971160	64.27	ng	#	94
24) Nitrobenzene	7.45	77	900674	78.98	ng		97
25) Isophorone	7.69	82	1661254	89.85	ng		99
26) 2-Nitrophenol	7.76	139	359159m	75.54	ng		
27) 2,4-Dimethylphenol	7.80	122	722951m	80.42	ng		
28) bis(2-Chloroethoxy)methane	7.90	93	972665	88.39	ng		97
29) 2,4-Dichlorophenol	8.00	162	582353	76.07	ng		91
30) 1,2,4-Trichlorobenzene	8.09	180	688424	72.36	ng		94
31) Naphthalene	8.17	128	2100055	72.01	ng		98
32) Benzoic acid	7.94	122	516791m	108.12	ng		
33) 4-Chloroaniline	8.21	127	821656	75.90	ng	#	88
34) Hexachlorobutadiene	8.28	225	405942	68.01	ng		99
35) Caprolactam	8.61	113	203467	118.94	ng	#	87
36) 4-Chloro-3-methylphenol	8.69	107	645692	83.10	ng		99
37) 2-Methylnaphthalene	8.85	142	1217034	64.80	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	685983	72.37	ng		99
40) Hexachlorocyclopentadiene	9.01	237	440270	72.45	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	467971	73.58	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	460226	77.72	ng	#	91
45) 1,1'-Biphenyl	9.32	154	1420619	64.83	ng		93
46) 2-Chloronaphthalene	9.34	162	1209155	66.17	ng		94
47) 2-Nitroaniline	9.44	65	463555	98.39	ng	#	79
48) Acenaphthylene	9.76	152	1815465	62.59	ng		99
49) Dimethylphthalate	9.63	163	1469119	84.07	ng		100
50) 2,6-Dinitrotoluene	9.69	165	347924	98.68	ng	#	83
51) Acenaphthene	9.93	154	1142342	66.24	ng		99
52) 3-Nitroaniline	9.85	138	347295	86.69	ng	#	54
53) 2,4-Dinitrophenol	9.95	184	171252	158.80	ng		86
54) Dibenzofuran	10.10	168	1432747	60.97	ng		94
55) 4-Nitrophenol	10.01	139	296292	106.00	ng		95
56) 2,4-Dinitrotoluene	10.09	165	451151	107.87	ng		87
57) Fluorene	10.44	166	1103366	61.94	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	300889	73.91	ng		94
59) Diethylphthalate	10.33	149	1426508	85.55	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	593268	75.55	ng	#	76
61) 4-Nitroaniline	10.46	138	311018	89.50	ng		100
62) Azobenzene	10.59	77	1547306	94.06	ng		96
64) 4,6-Dinitro-2-methylphenol	10.49	198	217635	109.83	ng		94
65) n-Nitrosodiphenylamine	10.56	169	1107084	68.40	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	342614	66.80	ng	#	83
67) Hexachlorobenzene	10.99	284	461641	77.49	ng	#	76
68) Atrazine	11.08	200	199269	60.25	ng		93
69) Pentachlorophenol	11.17	266	243440	94.58	ng		98
70) Phenanthrene	11.40	178	1801729	67.42	ng		99
71) Anthracene	11.45	178	1636025	62.17	ng		99
72) Carbazole	11.61	167	1658167	75.71	ng		99
73) Di-n-butylphthalate	11.94	149	1717121	74.21	ng		98
74) Fluoranthene	12.58	202	1604619	73.23	ng		96
77) Pyrene	12.81	202	1621287	62.55	ng		98
79) Butylbenzylphthalate	13.44	149	792810	99.94	ng	#	76
80) Benzo(a)anthracene	14.00	228	1349755	74.36	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	489436	98.70	ng	#	95
82) Chrysene	14.03	228	1238384	68.20	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	944997	94.81	ng	#	98
84) Di-n-octyl phthalate	14.60	149	1427957	110.70	ng		94
85) Indeno(1,2,3-cd)pyrene	16.81	276	1309723	149.42	ng	#	87
87) Benzo(b)fluoranthene	15.01	252	1434314m	75.45	ng		
88) Benzo(k)fluoranthene	15.05	252	904056m	50.05	ng		
89) Benzo(a)pyrene	15.37	252	1094625	73.51	ng	#	97
90) Dibenzo(a,h)anthracene	16.83	278	1084351	102.64	ng		98
91) Benzo(g,h,i)perylene	17.23	276	1112749	107.80	ng		98

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

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