Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080917.D
Acq On : 7 Aug 2015 10:12
Operator : TP/UM
Sample : SSTDICC080
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:17:08 PM

Quant Time: Aug 08 01:42:59 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 07 23:54:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	54013	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	233739	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	104461	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	212749	20.00	ng		0.01
75) Chrysene-d12	13.96	240	170321	20.00	ng		0.00
86) Perylene-d12	15.37	264	149447	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	493017	149.13	ng		0.01
7) Phenol-d6	6.45	99	708699	156.44	ng		0.01
23) Nitrobenzene-d5	7.39	82	756896	153.17	ng		0.01
41) 2,4,6-Tribromophenol	10.65	330	196363	171.11	ng		0.01
44) 2-Fluorobiphenyl	9.18	172	1203845	162.24	ng		0.01
78) Terphenyl-d14	12.92	244	1317218	159.74	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	125926	80.31	ng		100
3) Pyridine	3.04	79	380424	84.97	ng		98
4) n-Nitrosodimethylamine	3.01	42	200420	88.29	ng		90
6) Aniline	6.48	93	527371	79.24	ng		100
8) 2-Chlorophenol	6.60	128	304264	79.54	ng		90
9) Benzaldehyde	6.35	77	218359	71.14	ng		99
10) Phenol	6.46	94	441362	82.12	ng		76
11) bis(2-Chloroethyl)ether	6.56	93	332013	82.73	ng		98
12) 1,3-Dichlorobenzene	6.75	146	298395m	73.51	ng		
13) 1,4-Dichlorobenzene	6.83	146	334875	79.38	ng		94
14) 1,2-Dichlorobenzene	6.99	146	290046m	76.06	ng		
15) Benzyl Alcohol	6.97	79	311714	84.08	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	643979	79.76	ng		94
17) 2-Methylphenol	7.07	107	257299	78.80	ng	#	92
18) Hexachloroethane	7.32	117	124728	77.17	ng		95
19) n-Nitroso-di-n-propylamine	7.24	70	258654	78.12	ng		97
20) 3+4-Methylphenols	7.23	107	286861	69.94	ng		99
22) Acetophenone	7.23	105	398093	69.51	ng	#	95
24) Nitrobenzene	7.40	77	327796	64.43	ng		97
25) Isophorone	7.65	82	730501	76.87	ng		98
26) 2-Nitrophenol	7.72	139	172253	80.46	ng	#	75
27) 2,4-Dimethylphenol	7.76	122	290023	72.36	ng		96
28) bis(2-Chloroethoxy)methane	7.86	93	441558	77.40	ng		97
29) 2,4-Dichlorophenol	7.96	162	261620	79.43	ng		94
30) 1,2,4-Trichlorobenzene	8.04	180	262271	72.86	ng		96
31) Naphthalene	8.12	128	864395	67.09	ng		98
32) Benzoic acid	7.92	122	223263	92.62	ng		93
33) 4-Chloroaniline	8.17	127	390364	74.55	ng		94
34) Hexachlorobutadiene	8.24	225	151695	70.82	ng		99
35) Caprolactam	8.58	113	104609m	90.93	ng		
36) 4-Chloro-3-methylphenol	8.66	107	277468	69.04	ng		100
37) 2-Methylnaphthalene	8.81	142	575418	70.16	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	235446	73.11	ng	#	94
40) Hexachlorocyclopentadiene	8.97	237	154837	88.11	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	194786	81.14	ng		97
43) 2,4,5-Trichlorophenol	9.13	196	182328m	79.24	ng		
45) 1,1'-Biphenyl	9.28	154	608462	67.87	ng		97
46) 2-Chloronaphthalene	9.30	162	495294	70.86	ng		94
47) 2-Nitroaniline	9.40	65	253138	90.32	ng		90
48) Acenaphthylene	9.72	152	941623	77.49	ng		99
49) Dimethylphthalate	9.60	163	689397	79.45	ng	#	97
50) 2,6-Dinitrotoluene	9.64	165	129901	72.46	ng		95
51) Acenaphthene	9.89	154	606236	81.46	ng		100
52) 3-Nitroaniline	9.81	138	158468	71.70	ng		98
53) 2,4-Dinitrophenol	9.92	184	90861	96.01	ng		95
54) Dibenzofuran	10.06	168	772155	76.73	ng		93
55) 4-Nitrophenol	9.97	139	138750	83.87	ng	#	63
56) 2,4-Dinitrotoluene	10.04	165	188039	78.39	ng		99
57) Fluorene	10.40	166	531694	68.30	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	159337m	84.31	ng		
59) Diethylphthalate	10.28	149	646455	71.57	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	293855	77.47	ng	#	85
61) 4-Nitroaniline	10.43	138	167787	73.78	ng		99
62) Azobenzene	10.56	77	838162	82.99	ng		94
64) 4,6-Dinitro-2-methylphenol	10.45	198	94029	71.32	ng	#	65
65) n-Nitrosodiphenylamine	10.52	169	576589	78.01	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	186626	82.82	ng	#	78
67) Hexachlorobenzene	10.94	284	174652	69.72	ng	#	71
68) Atrazine	11.05	200	165186	76.22	ng		97
69) Pentachlorophenol	11.14	266	127084	87.24	ng		98
70) Phenanthrene	11.36	178	780419	64.78	ng		98
71) Anthracene	11.41	178	952078	79.83	ng		100
72) Carbazole	11.56	167	749250	64.52	ng	#	96
73) Di-n-butylphthalate	11.91	149	1081084	74.46	ng	#	98
74) Fluoranthene	12.55	202	1002948	77.01	ng		95
77) Pyrene	12.77	202	1026166	81.56	ng		99
79) Butylbenzylphthalate	13.39	149	462542	76.26	ng	#	76
80) Benzo(a)anthracene	13.95	228	763777	70.99	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	298086	76.17	ng	#	97
82) Chrysene	14.00	228	805566	78.20	ng		100
83) Bis(2-ethylhexyl)phthalate	13.95	149	617673	73.19	ng	#	98
84) Di-n-octyl phthalate	14.56	149	1077492	75.30	ng		98
85) Indeno(1,2,3-cd)pyrene	16.73	276	785522	80.08	ng	#	75
87) Benzo(b)fluoranthene	14.97	252	757921m	72.93	ng		
88) Benzo(k)fluoranthene	15.00	252	716155m	79.05	ng		
89) Benzo(a)pyrene	15.31	252	674616	75.53	ng	#	94
90) Dibenzo(a,h)anthracene	16.75	278	650316	82.30	ng		98
91) Benzo(g,h,i)perylene	17.15	276	639714	83.24	ng		98

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

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