Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083503.D
Acq On : 5 Dec 2015 1:54
Operator : UM/IZ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:30:45 PM

Quant Time: Dec 05 03:55:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 03:24:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	131597	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	511188	20.00	ng		0.00
38) Acenaphthene-d10	10.46	164	247430	20.00	ng		0.00
63) Phenanthrene-d10	12.85	188	462509	20.00	ng		0.00
75) Chrysene-d12	17.05	240	352767	20.00	ng		0.00
86) Perylene-d12	18.67	264	295377	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.03	112	1060612	120.86	ng		0.00
7) Phenol-d6	5.33	99	1409139	117.38	ng		0.01
23) Nitrobenzene-d5	6.60	82	1325837	114.27	ng		0.00
41) 2,4,6-Tribromophenol	11.76	330	270226	109.41	ng		0.00
44) 2-Fluorobiphenyl	9.42	172	2010314	114.21	ng		0.00
78) Terphenyl-d14	15.49	244	1828741	120.73	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	255293	53.96	ng		97
3) Pyridine	2.30	79	682534	56.89	ng		99
4) n-Nitrosodimethylamine	2.27	42	327536	56.67	ng		98
6) Aniline	5.32	93	909910	55.38	ng		98
8) 2-Chlorophenol	5.48	128	566612	58.72	ng		96
9) Benzaldehyde	5.16	77	387900	62.45	ng		100
10) Phenol	5.34	94	833106	58.00	ng		81
11) bis(2-Chloroethyl)ether	5.44	93	580142	55.03	ng		96
12) 1,3-Dichlorobenzene	5.69	146	633668	58.87	ng		98
13) 1,4-Dichlorobenzene	5.79	146	641182	57.93	ng		99
14) 1,2-Dichlorobenzene	6.01	146	578580	56.40	ng		98
15) Benzyl Alcohol	6.01	79	503048	54.94	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.20	45	1102238	59.50	ng		92
17) 2-Methylphenol	6.20	107	467067	57.91	ng		99
18) Hexachloroethane	6.50	117	226420	58.51	ng		98
19) n-Nitroso-di-n-propylamine	6.41	70	460236	54.38	ng		92
20) 3+4-Methylphenols	6.44	107	626523	57.49	ng		92
22) Acetophenone	6.38	105	875383	57.53	ng	#	96
24) Nitrobenzene	6.64	77	720690	58.09	ng		95
25) Isophorone	7.00	82	1249713	55.86	ng		97
26) 2-Nitrophenol	7.10	139	293048	57.67	ng		95
27) 2,4-Dimethylphenol	7.23	122	504102	59.55	ng		99
28) bis(2-Chloroethoxy)methane	7.36	93	685570	53.57	ng		99
29) 2,4-Dichlorophenol	7.50	162	454420	55.61	ng		98
30) 1,2,4-Trichlorobenzene	7.60	180	499370	56.29	ng		99
31) Naphthalene	7.71	128	1577731	56.59	ng		99
32) Benzoic acid	7.53	122	278063	48.55	ng		95
33) 4-Chloroaniline	7.84	127	637212	54.23	ng		93
34) Hexachlorobutadiene	7.93	225	292141	57.58	ng		97
35) Caprolactam	8.45	113	145163	56.85	ng		93
36) 4-Chloro-3-methylphenol	8.67	107	519857	56.95	ng		96
37) 2-Methylnaphthalene	8.81	142	974947	53.08	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	476902	60.03	ng	#	100
40) Hexachlorocyclopentadiene	9.07	237	176098	49.97	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	311022	56.90	ng		97
43) 2,4,5-Trichlorophenol	9.37	196	318976	56.74	ng		97
45) 1,1'-Biphenyl	9.57	154	1259651	57.69	ng		99
46) 2-Chloronaphthalene	9.58	162	951073	57.13	ng		97
47) 2-Nitroaniline	9.79	65	363719	56.51	ng	#	82
48) Acenaphthylene	10.24	152	1561779	58.55	ng		100
49) Dimethylphthalate	10.12	163	1135049	55.91	ng		99
50) 2,6-Dinitrotoluene	10.20	165	250975	58.61	ng		91
51) Acenaphthene	10.52	154	902180	57.77	ng		97
52) 3-Nitroaniline	10.46	138	270411	55.15	ng		86
53) 2,4-Dinitrophenol	10.65	184	118384	54.20	ng		93
54) Dibenzofuran	10.81	168	1252037	54.92	ng		98
55) 4-Nitrophenol	10.82	139	144553m	47.67	ng		
56) 2,4-Dinitrotoluene	10.85	165	332262	60.73	ng	#	85
57) Fluorene	11.36	166	1071257	58.78	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.04	232	236834	52.49	ng	#	100
59) Diethylphthalate	11.26	149	1104022	57.41	ng		97
60) 4-Chlorophenyl-phenylether	11.39	204	521944	62.37	ng		91
61) 4-Nitroaniline	11.46	138	255522	52.51	ng		89
62) Azobenzene	11.64	77	1254730	55.47	ng		98
64) 4,6-Dinitro-2-methylphenol	11.52	198	185480	60.70	ng		84
65) n-Nitrosodiphenylamine	11.60	169	882798	54.74	ng		99
66) 4-Bromophenyl-phenylether	12.17	248	297169	58.58	ng		93
67) Hexachlorobenzene	12.25	284	318538	57.14	ng	#	87
68) Atrazine	12.51	200	274714	59.84	ng		99
69) Pentachlorophenol	12.59	266	142488	50.46	ng		98
70) Phenanthrene	12.90	178	1507378	54.99	ng		98
71) Anthracene	12.98	178	1569444	56.67	ng		99
72) Carbazole	13.28	167	1359013	54.91	ng		98
73) Di-n-butylphthalate	13.92	149	1702815	57.70	ng		99
74) Fluoranthene	14.82	202	1499319	52.89	ng		98
76) Benzidine	15.08	184	760104	69.59	ng		97
77) Pyrene	15.17	202	1541250	61.37	ng		100
79) Butylbenzylphthalate	16.32	149	637451	59.93	ng		94
80) Benzo(a)anthracene	17.04	228	1154685	53.42	ng		99
81) 3,3'-Dichlorobenzidine	17.03	252	378031	55.68	ng		97
82) Chrysene	17.08	228	1156935	54.96	ng		99
83) Bis(2-ethylhexyl)phthalate	17.16	149	826912	58.22	ng		100
84) Di-n-octyl phthalate	17.92	149	1218416	58.68	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.93	276	1108597	70.67	ng	#	100
87) Benzo(b)fluoranthene	18.29	252	891652m	47.56	ng		
88) Benzo(k)fluoranthene	18.33	252	973808m	54.36	ng		
89) Benzo(a)pyrene	18.63	252	896570	54.81	ng	#	95
90) Dibenzo(a,h)anthracene	19.93	278	936027	64.21	ng		98
91) Benzo(g,h,i)perylene	20.28	276	956423	66.37	ng		95

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

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