Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
Data File : BF080889.D
Acq On : 6 Aug 2015 14:16
Operator : TP/UM
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
MMDadoda
8/10/2015 10:14:40 AM

Quant Time: Aug 07 02:42:09 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 07 01:34:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	48526	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	204389	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	96150	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	201678	20.00	ng		0.01
75) Chrysene-d12	13.96	240	147636	20.00	ng		0.00
86) Perylene-d12	15.37	264	157266	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	439677	144.44	ng		0.00
7) Phenol-d6	6.45	99	663321	158.29	ng		0.01
23) Nitrobenzene-d5	7.39	82	680909	156.94	ng		0.01
41) 2,4,6-Tribromophenol	10.65	330	178378	172.72	ng		0.01
44) 2-Fluorobiphenyl	9.18	172	1084937	160.83	ng		0.01
78) Terphenyl-d14	12.92	244	1255218	179.25	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	118934	80.66	ng		99
3) Pyridine	3.04	79	318894	76.67	ng		99
4) n-Nitrosodimethylamine	2.99	42	184688	86.09	ng		97
6) Aniline	6.48	93	464190	74.68	ng		97
8) 2-Chlorophenol	6.60	128	265235	76.74	ng	#	81
9) Benzaldehyde	6.35	77	213202	73.85	ng		99
10) Phenol	6.46	94	422104	83.94	ng		83
11) bis(2-Chloroethyl)ether	6.56	93	307126	86.28	ng		93
12) 1,3-Dichlorobenzene	6.75	146	271442	72.40	ng		95
13) 1,4-Dichlorobenzene	6.83	146	295898	77.51	ng		97
14) 1,2-Dichlorobenzene	6.99	146	252883m	72.26	ng		
15) Benzyl Alcohol	6.96	79	266743	80.25	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	580849	79.50	ng		96
17) 2-Methylphenol	7.07	107	234190	75.61	ng		97
18) Hexachloroethane	7.32	117	111440	76.86	ng		97
19) n-Nitroso-di-n-propylamine	7.24	70	221195	74.14	ng		99
20) 3+4-Methylphenols	7.23	107	252433	67.23	ng		98
22) Acetophenone	7.23	105	357443	69.93	ng	#	93
24) Nitrobenzene	7.40	77	309148	69.92	ng		95
25) Isophorone	7.65	82	637563	76.67	ng		98
26) 2-Nitrophenol	7.72	139	156487	84.32	ng	#	74
27) 2,4-Dimethylphenol	7.76	122	247712	69.58	ng		96
28) bis(2-Chloroethoxy)methane	7.86	93	396033	80.35	ng		98
29) 2,4-Dichlorophenol	7.96	162	234039	82.46	ng		93
30) 1,2,4-Trichlorobenzene	8.04	180	231396	73.53	ng		96
31) Naphthalene	8.12	128	780696	70.39	ng		99
32) Benzoic acid	7.90	122	193266	85.35	ng		97
33) 4-Chloroaniline	8.17	127	341893	74.58	ng		94
34) Hexachlorobutadiene	8.25	225	138279	77.23	ng		98
35) Caprolactam	8.57	113	79939	75.45	ng		91
36) 4-Chloro-3-methylphenol	8.66	107	260675	76.25	ng		98
37) 2-Methylnaphthalene	8.82	142	531409	77.72	ng		94
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	209509	71.53	ng	#	96
40) Hexachlorocyclopentadiene	8.97	237	139158	82.81	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	174725	80.86	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	167315m	77.49	ng		
45) 1,1'-Biphenyl	9.28	154	545977	67.12	ng		97
46) 2-Chloronaphthalene	9.30	162	443946	69.80	ng		93
47) 2-Nitroaniline	9.40	65	236188	91.31	ng	#	86
48) Acenaphthylene	9.72	152	884820	79.32	ng		99
49) Dimethylphthalate	9.58	163	576898	75.55	ng		99
50) 2,6-Dinitrotoluene	9.64	165	117626	71.84	ng		95
51) Acenaphthene	9.89	154	558343	82.38	ng		99
52) 3-Nitroaniline	9.81	138	157258	77.68	ng		97
53) 2,4-Dinitrophenol	9.92	184	89416	99.67	ng	#	85
54) Dibenzofuran	10.06	168	690580	75.22	ng		92
55) 4-Nitrophenol	9.97	139	137606	90.07	ng	#	74
56) 2,4-Dinitrotoluene	10.04	165	164142	74.52	ng		96
57) Fluorene	10.40	166	498106	69.35	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	147259	84.87	ng		96
59) Diethylphthalate	10.28	149	611614	73.53	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	263114	78.15	ng	#	85
61) 4-Nitroaniline	10.43	138	156261	75.26	ng		86
62) Azobenzene	10.56	77	774668	84.99	ng		93
64) 4,6-Dinitro-2-methylphenol	10.45	198	94862	72.19	ng		83
65) n-Nitrosodiphenylamine	10.52	169	518807	72.20	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	166931	76.16	ng	#	78
67) Hexachlorobenzene	10.94	284	154867	65.34	ng	#	70
68) Atrazine	11.05	200	160097	77.16	ng		97
69) Pentachlorophenol	11.14	266	116558	87.74	ng		98
70) Phenanthrene	11.36	178	742071	62.87	ng		98
71) Anthracene	11.41	178	893994	76.96	ng		99
72) Carbazole	11.56	167	740779	63.14	ng		98
73) Di-n-butylphthalate	11.90	149	1100985	76.97	ng	#	98
74) Fluoranthene	12.54	202	989507	76.68	ng		94
76) Benzidine	12.67	184	534530	88.63	ng		97
77) Pyrene	12.77	202	1015385	92.53	ng		100
79) Butylbenzylphthalate	13.39	149	430556	82.03	ng	#	82
80) Benzo(a)anthracene	13.95	228	785370	81.43	ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	330848	91.62	ng	#	96
82) Chrysene	14.00	228	826939	89.70	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	567362	78.88	ng	#	99
84) Di-n-octyl phthalate	14.57	149	1149323	90.66	ng		96
85) Indeno(1,2,3-cd)pyrene	16.74	276	750877	83.65	ng		99
87) Benzo(b)fluoranthene	14.98	252	938010m	84.93	ng		
88) Benzo(k)fluoranthene	15.00	252	566861m	60.54	ng		
89) Benzo(a)pyrene	15.31	252	747268	78.51	ng	#	96
90) Dibenzo(a,h)anthracene	16.76	278	612719	74.69	ng		97
91) Benzo(g,h,i)perylene	17.15	276	596968	75.06	ng		98

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

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