Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080922.D
Acq On : 7 Aug 2015 12:45
Operator : TP/UM
Sample : SSTDICC010
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:18:09 PM

Quant Time: Aug 08 00:43:08 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	53899	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	204547	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	105198	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	219121	20.00	ng		0.00
75) Chrysene-d12	13.95	240	201329	20.00	ng		-0.01
86) Perylene-d12	15.36	264	178963	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	69333	21.02	ng		0.00
7) Phenol-d6	6.43	99	96983	21.45	ng		-0.01
23) Nitrobenzene-d5	7.37	82	100359	23.21	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	24011	20.78	ng		-0.01
44) 2-Fluorobiphenyl	9.17	172	161440	21.60	ng		0.00
78) Terphenyl-d14	12.90	244	200833	20.60	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	15370	9.82	ng		99
3) Pyridine	3.06	79	40804	9.13	ng		96
4) n-Nitrosodimethylamine	2.97	42	21696	9.58	ng		96
6) Aniline	6.46	93	68809	10.36	ng		92
8) 2-Chlorophenol	6.58	128	38196	10.01	ng	#	80
9) Benzaldehyde	6.35	77	33150	10.82	ng		87
10) Phenol	6.44	94	59995	11.19	ng		91
11) bis(2-Chloroethyl)ether	6.53	93	36251	9.05	ng		88
12) 1,3-Dichlorobenzene	6.75	146	40051	9.89	ng		97
13) 1,4-Dichlorobenzene	6.82	146	41173m	9.78	ng		
14) 1,2-Dichlorobenzene	6.98	146	41490	10.90	ng		96
15) Benzyl Alcohol	6.94	79	37647	10.18	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	85978	10.67	ng		97
17) 2-Methylphenol	7.06	107	34738	10.66	ng		94
18) Hexachloroethane	7.32	117	16688	10.35	ng		93
19) n-Nitroso-di-n-propylamine	7.22	70	35272	10.68	ng		99
20) 3+4-Methylphenols	7.22	107	42501	10.38	ng	#	77
22) Acetophenone	7.22	105	56164	11.21	ng	#	80
24) Nitrobenzene	7.39	77	46642	10.48	ng	#	83
25) Isophorone	7.63	82	93579	11.25	ng		97
26) 2-Nitrophenol	7.71	139	20514	10.95	ng	#	83
27) 2,4-Dimethylphenol	7.74	122	38305	10.92	ng		95
28) bis(2-Chloroethoxy)methane	7.85	93	57276	11.47	ng		99
29) 2,4-Dichlorophenol	7.95	162	30991	10.75	ng		90
30) 1,2,4-Trichlorobenzene	8.03	180	32988	10.47	ng		94
31) Naphthalene	8.11	128	121639	10.79	ng		99
32) Benzoic acid	7.81	122	16018	7.59	ng		92
33) 4-Chloroaniline	8.17	127	49351	10.77	ng	#	90
34) Hexachlorobutadiene	8.24	225	21400	11.42	ng		98
35) Caprolactam	8.50	113	10604	10.53	ng	#	74
36) 4-Chloro-3-methylphenol	8.64	107	36041	10.25	ng		93
37) 2-Methylnaphthalene	8.81	142	82339	11.47	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	32817	10.12	ng		98
40) Hexachlorocyclopentadiene	8.96	237	15295	8.64	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	26350	10.90	ng		96
43) 2,4,5-Trichlorophenol	9.12	196	24333	10.50	ng	#	86
45) 1,1'-Biphenyl	9.26	154	94239	10.44	ng		96
46) 2-Chloronaphthalene	9.29	162	73651	10.46	ng		93
47) 2-Nitroaniline	9.38	65	26684	9.45	ng	#	86
48) Acenaphthylene	9.70	152	127386	10.41	ng		97
49) Dimethylphthalate	9.56	163	85474	9.78	ng		99
50) 2,6-Dinitrotoluene	9.63	165	18816	10.42	ng	#	53
51) Acenaphthene	9.87	154	77873	10.39	ng		99
52) 3-Nitroaniline	9.79	138	23969	10.77	ng		98
53) 2,4-Dinitrophenol	9.89	184	6828	7.16	ng	#	68
54) Dibenzofuran	10.04	168	106254	10.48	ng		96
55) 4-Nitrophenol	9.95	139	15866	9.52	ng		91
56) 2,4-Dinitrotoluene	10.03	165	23720	9.82	ng	#	52
57) Fluorene	10.38	166	85016	10.84	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	19024	10.00	ng	#	89
59) Diethylphthalate	10.27	149	97335	10.70	ng		95
60) 4-Chlorophenyl-phenylether	10.38	204	42131	11.03	ng		91
61) 4-Nitroaniline	10.40	138	24109	10.53	ng		97
62) Azobenzene	10.54	77	109926	10.81	ng		88
64) 4,6-Dinitro-2-methylphenol	10.43	198	13086	9.64	ng		92
65) n-Nitrosodiphenylamine	10.50	169	84712	11.13	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	24383	10.51	ng	#	82
67) Hexachlorobenzene	10.93	284	27426	10.63	ng	#	77
68) Atrazine	11.02	200	23443	10.50	ng		96
69) Pentachlorophenol	11.13	266	14036	9.36	ng		98
70) Phenanthrene	11.34	178	137289	11.06	ng		99
71) Anthracene	11.39	178	128946	10.50	ng		98
72) Carbazole	11.55	167	132972	11.12	ng		99
73) Di-n-butylphthalate	11.89	149	171021	11.44	ng		98
74) Fluoranthene	12.53	202	143997	10.74	ng		94
76) Benzidine	12.65	184	81626	10.29	ng		99
77) Pyrene	12.75	202	156018	10.49	ng		99
79) Butylbenzylphthalate	13.38	149	70443	9.82	ng	#	67
80) Benzo(a)anthracene	13.94	228	136194	10.71	ng		98
81) 3,3'-Dichlorobenzidine	13.91	252	47636	10.30	ng	#	96
82) Chrysene	13.97	228	125180	10.28	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	102029	10.23	ng	#	93
84) Di-n-octyl phthalate	14.56	149	176921	10.46	ng		98
85) Indeno(1,2,3-cd)pyrene	16.71	276	111554	9.62	ng		98
87) Benzo(b)fluoranthene	14.96	252	130256m	10.47	ng		
88) Benzo(k)fluoranthene	14.98	252	113619m	10.47	ng		
89) Benzo(a)pyrene	15.29	252	107989	10.10	ng	#	92
90) Dibenzo(a,h)anthracene	16.72	278	94592	10.00	ng		98
91) Benzo(g,h,i)perylene	17.11	276	89408	9.71	ng		97

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

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