Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086820.D
Acq On : 9 May 2016 12:43
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
sohil
5/10/2016 11:05:44 AM

Quant Time: May 09 15:11:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 14:52:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	187797	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	764162	20.00	ng		-0.01
38) Acenaphthene-d10	9.73	164	385361	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	752809	20.00	ng		0.00
75) Chrysene-d12	13.84	240	573235	20.00	ng		0.00
86) Perylene-d12	15.21	264	443153	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	240025	22.05	ng		0.00
7) Phenol-d6	6.35	99	323352	21.28	ng		-0.01
23) Nitrobenzene-d5	7.26	82	322768	22.77	ng		0.00
41) 2,4,6-Tribromophenol	10.51	330	86943	21.39	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	575091	25.26	ng		0.00
78) Terphenyl-d14	12.79	244	572906	22.02	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	56149	9.82	ng	#	68
3) Pyridine	2.91	79	112407	8.30	ng	#	58
4) n-Nitrosodimethylamine	2.82	42	88524	11.47	ng	#	50
6) Aniline	6.36	93	189145	10.29	ng	#	40
8) 2-Chlorophenol	6.48	128	142447	10.50	ng		82
9) Benzaldehyde	6.24	77	102894	11.64	ng		97
10) Phenol	6.36	94	182864	10.79	ng	#	55
11) bis(2-Chloroethyl)ether	6.43	93	153640	10.48	ng		90
12) 1,3-Dichlorobenzene	6.62	146	152506m	10.46	ng		
13) 1,4-Dichlorobenzene	6.70	146	159762	10.62	ng		94
14) 1,2-Dichlorobenzene	6.86	146	140926	10.21	ng		95
15) Benzyl Alcohol	6.85	79	104685	10.89	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.98	45	326546	11.13	ng		91
17) 2-Methylphenol	6.97	107	113456	10.35	ng	#	82
18) Hexachloroethane	7.20	117	56225	10.00	ng		93
19) n-Nitroso-di-n-propylamine	7.12	70	106786	10.63	ng	#	78
20) 3+4-Methylphenols	7.13	107	152720	12.20	ng	#	63
22) Acetophenone	7.10	105	194723	11.62	ng		93
24) Nitrobenzene	7.28	77	172046	11.80	ng		94
25) Isophorone	7.52	82	288948	10.59	ng		95
26) 2-Nitrophenol	7.60	139	68449	10.19	ng	#	61
27) 2,4-Dimethylphenol	7.65	122	131389	11.15	ng		92
28) bis(2-Chloroethoxy)methane	7.74	93	155842	10.48	ng		99
29) 2,4-Dichlorophenol	7.85	162	108775	10.94	ng		92
30) 1,2,4-Trichlorobenzene	7.92	180	122965	10.66	ng		93
31) Naphthalene	8.00	128	419126	10.78	ng		99
32) Benzoic acid	7.76	122	53643	8.78	ng	#	81
33) 4-Chloroaniline	8.06	127	159102	10.93	ng		98
34) Hexachlorobutadiene	8.12	225	73405	11.36	ng		99
35) Caprolactam	8.42	113	36169	10.91	ng	#	75
36) 4-Chloro-3-methylphenol	8.56	107	136297	11.98	ng		95
37) 2-Methylnaphthalene	8.69	142	263117	11.47	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	118251	10.72	ng		98
40) Hexachlorocyclopentadiene	8.84	237	46627	8.51	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	80779	11.59	ng		95
43) 2,4,5-Trichlorophenol	9.02	196	83331	10.96	ng	#	92
45) 1,1'-Biphenyl	9.15	154	333285	10.35	ng		96
46) 2-Chloronaphthalene	9.17	162	256919	10.49	ng		92
47) 2-Nitroaniline	9.29	65	88086	11.22	ng		89
48) Acenaphthylene	9.58	152	416792	10.89	ng		98
49) Dimethylphthalate	9.46	163	318480	10.98	ng		100
50) 2,6-Dinitrotoluene	9.53	165	64532	10.77	ng	#	81
51) Acenaphthene	9.76	154	245049	9.97	ng		98
52) 3-Nitroaniline	9.70	138	68229	10.01	ng		97
53) 2,4-Dinitrophenol	9.81	184	12540	4.68	ng	#	85
54) Dibenzofuran	9.93	168	331886	10.80	ng		93
55) 4-Nitrophenol	9.89	139	27719m	6.21	ng		
56) 2,4-Dinitrotoluene	9.93	165	84091	11.01	ng	#	87
57) Fluorene	10.27	166	287111	10.76	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	58977	9.93	ng		99
59) Diethylphthalate	10.16	149	324932	11.83	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	143218	11.82	ng		88
61) 4-Nitroaniline	10.30	138	66259	9.94	ng	#	68
62) Azobenzene	10.43	77	334626	11.12	ng		88
64) 4,6-Dinitro-2-methylphenol	10.33	198	34223	7.74	ng	#	9
65) n-Nitrosodiphenylamine	10.38	169	235656	10.02	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	77756	10.02	ng	#	76
67) Hexachlorobenzene	10.82	284	95959	10.69	ng		95
68) Atrazine	10.92	200	86306	12.22	ng		94
69) Pentachlorophenol	11.02	266	31781	6.71	ng		99
70) Phenanthrene	11.23	178	448301	11.35	ng		99
71) Anthracene	11.28	178	433335	10.28	ng		99
72) Carbazole	11.45	167	369018	9.88	ng		98
73) Di-n-butylphthalate	11.78	149	467032	11.03	ng		99
74) Fluoranthene	12.41	202	435568	10.92	ng		99
76) Benzidine	12.55	184	145268	7.37	ng		97
77) Pyrene	12.64	202	453673	10.98	ng		99
79) Butylbenzylphthalate	13.27	149	189891	10.62	ng	#	84
80) Benzo(a)anthracene	13.83	228	337601	11.05	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	208913	10.23	ng		99
82) Chrysene	13.86	228	357301	10.76	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	235833	10.62	ng		97
84) Di-n-octyl phthalate	14.43	149	360117	10.36	ng	#	82
85) Indeno(1,2,3-cd)pyrene	16.49	276	244348	9.93	ng		95
87) Benzo(b)fluoranthene	14.83	252	326498m	12.52	ng		
88) Benzo(k)fluoranthene	14.85	252	237704m	8.74	ng		
89) Benzo(a)pyrene	15.15	252	259688	10.55	ng		99
90) Dibenzo(a,h)anthracene	16.50	278	204942	10.17	ng		97
91) Benzo(g,h,i)perylene	16.88	276	203917	10.10	ng	#	92

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

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