Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081616\
Data File : BF089730.D
Acq On : 16 Aug 2016 17:43
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
umangi
8/17/2016 5:58:14 AM

Quant Time: Aug 16 18:44:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 18:33:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	633238	20.00	ng		0.01
21) Naphthalene-d8	7.99	136	2573502	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	1247861	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	2260693	20.00	ng		0.00
75) Chrysene-d12	13.89	240	1869835	20.00	ng		-0.01
86) Perylene-d12	15.36	264	1548721	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	3820340	48.28	ng		0.00
7) Phenol-d6	6.34	99	4583539	46.46	ng		0.01
23) Nitrobenzene-d5	7.27	82	4262332	50.19	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	1053316	42.52	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	5742298	40.12	ng		0.00
78) Terphenyl-d14	12.81	244	5378232	40.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	895153	43.54	ng		98
3) Pyridine	2.84	79	2376411	46.40	ng		99
4) n-Nitrosodimethylamine	2.81	42	983941	45.85	ng		88
6) Aniline	6.36	93	3040010	44.59	ng		99
8) 2-Chlorophenol	6.48	128	2073617	47.50	ng		99
9) Benzaldehyde	6.24	77	1475250	44.25	ng		94
10) Phenol	6.35	94	3025889	51.06	ng		98
11) bis(2-Chloroethyl)ether	6.44	93	2046983	47.23	ng		98
12) 1,3-Dichlorobenzene	6.64	146	2160020	45.70	ng		99
13) 1,4-Dichlorobenzene	6.72	146	2276946	47.89	ng		99
14) 1,2-Dichlorobenzene	6.88	146	2262596	49.80	ng		98
15) Benzyl Alcohol	6.84	79	1521769	42.94	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2645866	47.79	ng		94
17) 2-Methylphenol	6.96	107	1778509	48.88	ng		98
18) Hexachloroethane	7.22	117	887293	49.87	ng		95
19) n-Nitroso-di-n-propylamine	7.13	70	1513584	47.14	ng		96
20) 3+4-Methylphenols	7.12	107	2084192	46.58	ng		99
22) Acetophenone	7.12	105	2642363	43.05	ng		92
24) Nitrobenzene	7.29	77	2201000	48.29	ng		97
25) Isophorone	7.54	82	4141273	48.76	ng	#	91
26) 2-Nitrophenol	7.61	139	1234749	58.43	ng		99
27) 2,4-Dimethylphenol	7.66	122	2213632	52.66	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	2410733	44.66	ng		98
29) 2,4-Dichlorophenol	7.85	162	1837699	51.43	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	1749968	46.50	ng		99
31) Naphthalene	8.01	128	5082366	43.89	ng		95
32) Benzoic acid	7.79	122	1698335	63.05	ng		99
33) 4-Chloroaniline	8.07	127	2674766	48.29	ng		97
34) Hexachlorobutadiene	8.14	225	907716	47.31	ng		99
35) Caprolactam	8.46	113	580005	52.57	ng		89
36) 4-Chloro-3-methylphenol	8.55	107	1705855	45.82	ng		93
37) 2-Methylnaphthalene	8.71	142	3959664	49.52	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	1681584	48.19	ng		98
40) Hexachlorocyclopentadiene	8.87	237	919696	47.72	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	1404465	56.11	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	1059308	44.43	ng	#	93
45) 1,1'-Biphenyl	9.18	154	4848432	46.90	ng		92
46) 2-Chloronaphthalene	9.19	162	3397687	45.33	ng		97
47) 2-Nitroaniline	9.29	65	1207043	49.80	ng	#	61
48) Acenaphthylene	9.60	152	5514294	46.73	ng		96
49) Dimethylphthalate	9.48	163	4550281	52.03	ng	#	98
50) 2,6-Dinitrotoluene	9.53	165	884993	45.68	ng	#	80
51) Acenaphthene	9.78	154	3908194	50.59	ng		99
52) 3-Nitroaniline	9.70	138	1341693	53.40	ng		84
53) 2,4-Dinitrophenol	9.79	184	437604	63.57	ng	#	80
54) Dibenzofuran	9.94	168	4630814	42.28	ng		99
55) 4-Nitrophenol	9.85	139	872833	45.44	ng	#	82
56) 2,4-Dinitrotoluene	9.93	165	1219746	48.74	ng	#	64
57) Fluorene	10.28	166	3283080	41.79	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	943729	45.82	ng		97
59) Diethylphthalate	10.18	149	4476138	50.08	ng		95
60) 4-Chlorophenyl-phenylether	10.28	204	1523315	43.94	ng		94
61) 4-Nitroaniline	10.31	138	1162554	52.40	ng		93
62) Azobenzene	10.44	77	4187327	43.23	ng		97
64) 4,6-Dinitro-2-methylphenol	10.34	198	756054	62.35	ng	#	65
65) n-Nitrosodiphenylamine	10.41	169	3697858	50.65	ng		98
66) 4-Bromophenyl-phenylether	10.78	248	1211660	52.35	ng	#	89
67) Hexachlorobenzene	10.83	284	1265894	48.72	ng	#	86
68) Atrazine	10.94	200	923267	43.01	ng		95
69) Pentachlorophenol	11.03	266	840811	53.67	ng		98
70) Phenanthrene	11.24	178	5503813m	49.08	ng		
71) Anthracene	11.29	178	4971869	42.37	ng		95
72) Carbazole	11.45	167	5404499	48.33	ng		95
73) Di-n-butylphthalate	11.79	149	5950061	46.14	ng		96
74) Fluoranthene	12.42	202	4944248	41.73	ng		90
76) Benzidine	12.55	184	3055946	47.72	ng		96
77) Pyrene	12.65	202	5212928m	43.49	ng		
79) Butylbenzylphthalate	13.30	149	3022453	55.18	ng		97
80) Benzo(a)anthracene	13.87	228	4814347	44.86	ng		95
81) 3,3'-Dichlorobenzidine	13.85	252	2013436	51.10	ng	#	93
82) Chrysene	13.92	228	4516608	46.85	ng		96
83) Bis(2-ethylhexyl)phthalate	13.90	149	3756878	48.80	ng	#	99
84) Di-n-octyl phthalate	14.57	149	5723786	49.39	ng		98
85) Indeno(1,2,3-cd)pyrene	16.67	276	3917974	47.46	ng		99
87) Benzo(b)fluoranthene	14.98	252	4708839	49.13	ng	#	95
88) Benzo(k)fluoranthene	15.01	252	3651024m	47.63	ng		
89) Benzo(a)pyrene	15.31	252	4077823	50.72	ng	#	94
90) Dibenzo(a,h)anthracene	16.70	278	3204678	50.76	ng		97
91) Benzo(g,h,i)perylene	17.06	276	3234853	50.55	ng		95

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

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