Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
Data File : BF082759.D
Acq On : 6 Nov 2015 13:56
Operator : UM/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:10:11 PM

Quant Time: Nov 07 02:28:36 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 06 13:33:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	155449	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	600255	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	300581	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	574180	20.00	ng		0.00
75) Chrysene-d12	14.02	240	494880	20.00	ng		0.00
86) Perylene-d12	15.46	264	404479	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1494687	72.22	ng		0.00
7) Phenol-d6	6.50	99	1966098	72.75	ng		0.02
23) Nitrobenzene-d5	7.42	82	2123700	75.16	ng		0.01
41) 2,4,6-Tribromophenol	10.69	330	618418	91.41	ng		0.01
44) 2-Fluorobiphenyl	9.23	172	3493864	82.80	ng		0.01
78) Terphenyl-d14	12.97	244	2833836	64.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	340219	78.19	ng		96
3) Pyridine	3.15	79	1006062	80.01	ng		100
4) n-Nitrosodimethylamine	3.13	42	504084	81.82	ng		88
6) Aniline	6.52	93	1402840	74.03	ng		96
8) 2-Chlorophenol	6.65	128	886576	78.65	ng		96
9) Benzaldehyde	6.40	77	460445	54.63	ng		91
10) Phenol	6.51	94	1112433	72.79	ng		86
11) bis(2-Chloroethyl)ether	6.60	93	924092	80.22	ng		86
12) 1,3-Dichlorobenzene	6.80	146	901548	70.58	ng		94
13) 1,4-Dichlorobenzene	6.88	146	1032128	78.91	ng		94
14) 1,2-Dichlorobenzene	7.04	146	926472	76.20	ng		96
15) Benzyl Alcohol	7.00	79	868341	73.54	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1235249	72.75	ng		95
17) 2-Methylphenol	7.12	107	731789	77.12	ng		99
18) Hexachloroethane	7.37	117	345464	72.20	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	738508	75.39	ng		90
20) 3+4-Methylphenols	7.28	107	825227	66.11	ng	#	89
22) Acetophenone	7.28	105	1256408	71.32	ng	#	88
24) Nitrobenzene	7.45	77	1098151	76.41	ng		91
25) Isophorone	7.69	82	1948305	74.92	ng		99
26) 2-Nitrophenol	7.76	139	415048	68.33	ng		85
27) 2,4-Dimethylphenol	7.80	122	736246	67.52	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	1119302	75.07	ng		99
29) 2,4-Dichlorophenol	8.01	162	801587	83.27	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	822502	75.41	ng		98
31) Naphthalene	8.17	128	2374622	69.83	ng		98
32) Benzoic acid	7.97	122	641366	91.13	ng		93
33) 4-Chloroaniline	8.21	127	958722	64.32	ng		95
34) Hexachlorobutadiene	8.29	225	549356	81.04	ng		98
35) Caprolactam	8.61	113	251568m	82.95	ng		
36) 4-Chloro-3-methylphenol	8.70	107	818048	70.79	ng		92
37) 2-Methylnaphthalene	8.85	142	1616625	72.27	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	705178	69.87	ng		97
40) Hexachlorocyclopentadiene	9.01	237	475987	92.96	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	619525	85.30	ng		100
43) 2,4,5-Trichlorophenol	9.17	196	575468m	79.36	ng		
45) 1,1'-Biphenyl	9.32	154	1744407	65.08	ng		96
46) 2-Chloronaphthalene	9.34	162	1455667	70.63	ng		95
47) 2-Nitroaniline	9.44	65	534310	70.59	ng	#	88
48) Acenaphthylene	9.77	152	2615668	82.34	ng		99
49) Dimethylphthalate	9.63	163	1868839	75.08	ng		100
50) 2,6-Dinitrotoluene	9.69	165	399231	76.97	ng		99
51) Acenaphthene	9.94	154	1757622	88.71	ng		99
52) 3-Nitroaniline	9.86	138	498937	86.02	ng	#	80
54) Dibenzofuran	10.11	168	2265019	83.89	ng		90
55) 4-Nitrophenol	10.02	139	386303	87.32	ng		90
56) 2,4-Dinitrotoluene	10.09	165	533132	74.80	ng	#	95
57) Fluorene	10.45	166	1827083	83.09	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	486908	83.29	ng		95
59) Diethylphthalate	10.33	149	1753165	71.98	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	859649	79.13	ng		93
61) 4-Nitroaniline	10.48	138	434731	72.86	ng		88
62) Azobenzene	10.60	77	2109064	83.25	ng		94
64) 4,6-Dinitro-2-methylphenol	10.50	198	308874	77.14	ng	#	54
65) n-Nitrosodiphenylamine	10.57	169	1654249	77.21	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	578804	82.79	ng	#	93
67) Hexachlorobenzene	11.00	284	645338	83.54	ng	#	65
68) Atrazine	11.09	200	502855	76.91	ng		95
69) Pentachlorophenol	11.18	266	376408	81.16	ng		99
70) Phenanthrene	11.40	178	2414174	69.00	ng		99
71) Anthracene	11.46	178	2472665	68.39	ng		98
72) Carbazole	11.61	167	1949528	59.68	ng		99
73) Di-n-butylphthalate	11.95	149	2929784	75.47	ng		98
74) Fluoranthene	12.59	202	2368002	63.06	ng		97
76) Benzidine	12.70	184	1086241	61.73	ng	#	94
77) Pyrene	12.82	202	2367720	67.29	ng		98
79) Butylbenzylphthalate	13.45	149	1351226	91.08	ng	#	74
80) Benzo(a)anthracene	14.01	228	2300052	71.82	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	740923	65.35	ng		99
82) Chrysene	14.05	228	2311706	79.56	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	1559489	74.46	ng		99
84) Di-n-octyl phthalate	14.64	149	2714408	77.71	ng		98
85) Indeno(1,2,3-cd)pyrene	16.87	276	1908511	76.97	ng		99
87) Benzo(b)fluoranthene	15.06	252	2191412	85.55	ng		99
88) Benzo(k)fluoranthene	15.08	252	1699271m	71.35	ng		
89) Benzo(a)pyrene	15.40	252	1763754	77.72	ng	#	97
90) Dibenzo(a,h)anthracene	16.89	278	1549640	81.77	ng		99
91) Benzo(g,h,i)perylene	17.29	276	1508913	83.20	ng		98

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

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