Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090115\
Data File : BF081306.D
Acq On : 1 Sep 2015 16:15
Operator : UM/IZ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
MMDadoda
9/2/2015 2:10:17 PM

Quant Time: Sep 01 16:46:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 16:27:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	67614	20.00	ng		0.00
21) Naphthalene-d8	7.69	136	262362	20.00	ng		0.01
38) Acenaphthene-d10	9.43	164	127508	20.00	ng		0.01
63) Phenanthrene-d10	10.89	188	244774	20.00	ng		0.01
75) Chrysene-d12	13.50	240	162905	20.00	ng		0.00
86) Perylene-d12	14.80	264	126189	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.94	112	525332	60.70	ng		0.01
7) Phenol-d6	6.07	99	664891	56.89	ng		0.01
23) Nitrobenzene-d5	6.98	82	659277	60.91	ng		0.01
41) 2,4,6-Tribromophenol	10.22	330	144666	65.48	ng		0.01
44) 2-Fluorobiphenyl	8.76	172	1091539	52.76	ng		0.00
78) Terphenyl-d14	12.48	244	981824	74.79	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.74	88	111080	56.56	ng		96
3) Pyridine	2.28	79	302603	58.87	ng		93
4) n-Nitrosodimethylamine	2.26	42	183206	62.20	ng		81
6) Aniline	6.06	93	461104	55.80	ng	#	64
8) 2-Chlorophenol	6.18	128	289587	60.74	ng		92
9) Benzaldehyde	5.93	77	201892	54.70	ng	#	76
10) Phenol	6.08	94	407945	60.85	ng	#	53
11) bis(2-Chloroethyl)ether	6.15	93	271259	54.97	ng		90
12) 1,3-Dichlorobenzene	6.33	146	310512	60.42	ng	#	91
13) 1,4-Dichlorobenzene	6.41	146	310007	58.86	ng	#	89
14) 1,2-Dichlorobenzene	6.57	146	258031	53.51	ng		98
15) Benzyl Alcohol	6.56	79	271324	56.91	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	6.70	45	538699	56.95	ng	#	27
17) 2-Methylphenol	6.70	107	234088	61.51	ng	#	72
18) Hexachloroethane	6.90	117	118314	57.34	ng		93
19) n-Nitroso-di-n-propylamine	6.84	70	236158	60.25	ng	#	84
20) 3+4-Methylphenols	6.86	107	309625	59.91	ng		86
22) Acetophenone	6.83	105	437110	61.97	ng	#	82
24) Nitrobenzene	6.99	77	293226	50.00	ng	#	61
25) Isophorone	7.24	82	633977	63.44	ng	#	84
26) 2-Nitrophenol	7.31	139	161646	68.40	ng	#	53
27) 2,4-Dimethylphenol	7.37	122	253238	59.92	ng	#	78
28) bis(2-Chloroethoxy)methane	7.46	93	346426	59.02	ng	#	92
29) 2,4-Dichlorophenol	7.56	162	220026	59.92	ng		98
30) 1,2,4-Trichlorobenzene	7.63	180	243057	61.45	ng		97
31) Naphthalene	7.70	128	782763	55.00	ng		97
32) Benzoic acid	7.56	122	186408	66.74	ng	#	64
33) 4-Chloroaniline	7.77	127	306388	51.57	ng	#	80
34) Hexachlorobutadiene	7.83	225	146291	59.77	ng		98
35) Caprolactam	8.18	113	71209m	63.67	ng		
36) 4-Chloro-3-methylphenol	8.27	107	230719	54.82	ng	#	72
37) 2-Methylnaphthalene	8.40	142	594820	67.43	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	215850	51.16	ng		99
40) Hexachlorocyclopentadiene	8.55	237	129530	68.23	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.68	196	170313	61.52	ng		99
43) 2,4,5-Trichlorophenol	8.73	196	165133	57.79	ng		95
45) 1,1'-Biphenyl	8.87	154	708998	60.77	ng		95
46) 2-Chloronaphthalene	8.88	162	427074	47.60	ng	#	88
47) 2-Nitroaniline	8.99	65	213912	63.69	ng	#	73
48) Acenaphthylene	9.29	152	861540	56.43	ng		96
49) Dimethylphthalate	9.19	163	537633	52.16	ng	#	97
50) 2,6-Dinitrotoluene	9.24	165	137051	61.52	ng	#	79
51) Acenaphthene	9.46	154	478411	54.79	ng		90
52) 3-Nitroaniline	9.40	138	139452	52.80	ng	#	51
53) 2,4-Dinitrophenol	9.51	184	64559	74.65	ng	#	10
54) Dibenzofuran	9.63	168	709479	55.82	ng	#	88
55) 4-Nitrophenol	9.59	139	97145	61.39	ng	#	17
56) 2,4-Dinitrotoluene	9.63	165	157328	53.58	ng	#	4
57) Fluorene	9.96	166	513584	51.99	ng		96
58) 2,3,4,6-Tetrachlorophenol	9.76	232	137778	65.55	ng		95
59) Diethylphthalate	9.87	149	565800	51.61	ng		94
60) 4-Chlorophenyl-phenylether	9.98	204	272443	58.01	ng		98
61) 4-Nitroaniline	10.02	138	141828	53.40	ng	#	26
62) Azobenzene	10.12	77	646923	53.79	ng	#	81
64) 4,6-Dinitro-2-methylphenol	10.04	198	87432	66.29	ng		84
65) n-Nitrosodiphenylamine	10.10	169	537352	60.30	ng		92
66) 4-Bromophenyl-phenylether	10.46	248	153624	62.71	ng		95
67) Hexachlorobenzene	10.51	284	161259	62.58	ng	#	79
68) Atrazine	10.64	200	159372	62.26	ng		84
69) Pentachlorophenol	10.71	266	75425	86.10	ng		99
70) Phenanthrene	10.91	178	668777	46.05	ng		96
71) Anthracene	10.97	178	819079	58.05	ng		97
72) Carbazole	11.13	167	705598	52.12	ng		95
73) Di-n-butylphthalate	11.48	149	1005995	66.15	ng	#	98
74) Fluoranthene	12.09	202	842772	56.68	ng		85
76) Benzidine	12.23	184	461528	68.17	ng		94
77) Pyrene	12.31	202	693439	56.97	ng		97
79) Butylbenzylphthalate	12.96	149	389195	80.74	ng	#	78
80) Benzo(a)anthracene	13.49	228	639612	62.75	ng		96
81) 3,3'-Dichlorobenzidine	13.47	252	240787	72.96	ng	#	93
82) Chrysene	13.53	228	598735	66.89	ng		95
83) Bis(2-ethylhexyl)phthalate	13.53	149	541854	84.80	ng	#	94
84) Di-n-octyl phthalate	14.14	149	915484	87.94	ng		100
85) Indeno(1,2,3-cd)pyrene	15.90	276	419545	62.95	ng	#	86
87) Benzo(b)fluoranthene	14.48	252	506525m	54.68	ng		
88) Benzo(k)fluoranthene	14.50	252	420322m	55.09	ng		
89) Benzo(a)pyrene	14.77	252	465191	61.39	ng	#	82
90) Dibenzo(a,h)anthracene	15.91	278	353432	60.69	ng	#	83
91) Benzo(g,h,i)perylene	16.23	276	332626	59.63	ng	#	72

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

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