Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086825.D
Acq On : 9 May 2016 15:06
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
sohil
5/10/2016 11:05:48 AM

Quant Time: May 09 15:55:07 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	160753	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	699804	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	321015	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	604799	20.00	ng		0.00
75) Chrysene-d12	13.85	240	362666	20.00	ng		0.01
86) Perylene-d12	15.21	264	349872	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1489225	159.79	ng		0.00
7) Phenol-d6	6.37	99	1891619	145.43	ng		0.01
23) Nitrobenzene-d5	7.28	82	2051732	158.03	ng		0.01
41) 2,4,6-Tribromophenol	10.53	330	593688	175.37	ng		0.01
44) 2-Fluorobiphenyl	9.07	172	2854335	150.48	ng		0.01
78) Terphenyl-d14	12.80	244	2471094	150.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	363377	74.22	ng	#	68
3) Pyridine	2.85	79	955314	82.45	ng	#	65
4) n-Nitrosodimethylamine	2.83	42	709596	107.45	ng	#	50
6) Aniline	6.37	93	1159387	73.66	ng	#	64
8) 2-Chlorophenol	6.49	128	804113	69.27	ng		83
10) Phenol	6.38	94	1217332	83.89	ng		78
11) bis(2-Chloroethyl)ether	6.44	93	839981	66.95	ng	#	81
12) 1,3-Dichlorobenzene	6.64	146	909283m	72.83	ng		
13) 1,4-Dichlorobenzene	6.72	146	952431	73.93	ng		97
14) 1,2-Dichlorobenzene	6.86	146	699536m	59.21	ng		
15) Benzyl Alcohol	6.86	79	687491	83.55	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1781912	70.96	ng		73
17) 2-Methylphenol	6.99	107	706093	75.26	ng	#	80
18) Hexachloroethane	7.21	117	369438	76.74	ng	#	90
19) n-Nitroso-di-n-propylamine	7.14	70	638620	74.28	ng	#	74
20) 3+4-Methylphenols	7.14	107	832625	77.73	ng	#	66
22) Acetophenone	7.13	105	1186109	77.30	ng	#	98
24) Nitrobenzene	7.30	77	1126721	84.36	ng		99
25) Isophorone	7.54	82	1945045	77.84	ng		99
26) 2-Nitrophenol	7.61	139	457323	74.37	ng	#	74
27) 2,4-Dimethylphenol	7.66	122	729372	67.60	ng		89
28) bis(2-Chloroethoxy)methane	7.74	93	1011338	74.29	ng		98
29) 2,4-Dichlorophenol	7.86	162	666922	73.26	ng		95
30) 1,2,4-Trichlorobenzene	7.93	180	723373	68.50	ng		96
31) Naphthalene	8.01	128	2270057	63.75	ng		98
32) Benzoic acid	7.85	122	510169	91.18	ng	#	84
33) 4-Chloroaniline	8.06	127	935864	70.18	ng	#	88
34) Hexachlorobutadiene	8.12	225	396427	66.96	ng		99
35) Caprolactam	8.49	113	262037m	86.29	ng		
36) 4-Chloro-3-methylphenol	8.58	107	876743	84.12	ng		99
37) 2-Methylnaphthalene	8.69	142	1403001	66.77	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	668328	72.73	ng		96
40) Hexachlorocyclopentadiene	8.84	237	385673	84.46	ng		96
42) 2,4,6-Trichlorophenol	8.99	196	489499	84.27	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.04	196	470407	74.30	ng	#	88
45) 1,1'-Biphenyl	9.16	154	1679353	62.59	ng		94
46) 2-Chloronaphthalene	9.18	162	1350506	66.20	ng		92
47) 2-Nitroaniline	9.30	65	638869	97.65	ng	#	79
48) Acenaphthylene	9.60	152	2041677	64.02	ng		98
49) Dimethylphthalate	9.48	163	1792229	74.16	ng		99
50) 2,6-Dinitrotoluene	9.54	165	355173	71.14	ng	#	72
51) Acenaphthene	9.77	154	1296283	63.28	ng		99
52) 3-Nitroaniline	9.71	138	419266	73.84	ng	#	80
53) 2,4-Dinitrophenol	9.81	184	208314	93.28	ng	#	66
54) Dibenzofuran	9.94	168	1585046	61.91	ng		93
55) 4-Nitrophenol	9.89	139	287494m	77.33	ng		
56) 2,4-Dinitrotoluene	9.95	165	511771	80.41	ng	#	68
57) Fluorene	10.28	166	1242427	55.90	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	341023	68.90	ng		99
59) Diethylphthalate	10.18	149	1799074	78.64	ng		95
61) 4-Nitroaniline	10.34	138	417093	75.15	ng	#	70
62) Azobenzene	10.44	77	2003193	79.94	ng		87
64) 4,6-Dinitro-2-methylphenol	10.36	198	320787	90.35	ng		77
65) n-Nitrosodiphenylamine	10.41	169	1416392	74.93	ng		98
66) 4-Bromophenyl-phenylether	10.76	248	410322	65.84	ng		96
67) Hexachlorobenzene	10.83	284	554347	76.85	ng	#	93
69) Pentachlorophenol	11.02	266	261084	68.65	ng		97
70) Phenanthrene	11.24	178	2289936	72.15	ng		98
71) Anthracene	11.29	178	2139533	63.17	ng		99
72) Carbazole	11.46	167	2155934	71.81	ng		99
73) Di-n-butylphthalate	11.78	149	2362634	69.47	ng	#	97
74) Fluoranthene	12.42	202	2045549	63.85	ng		97
76) Benzidine	12.54	184	731794	58.72	ng		97
77) Pyrene	12.65	202	2146713	82.15	ng		98
79) Butylbenzylphthalate	13.28	149	1068438	94.41	ng		97
80) Benzo(a)anthracene	13.84	228	1606293	83.07	ng		98
81) 3,3'-Dichlorobenzidine	13.80	252	985704	76.26	ng		98
82) Chrysene	13.87	228	1593911	75.84	ng		98
83) Bis(2-ethylhexyl)phthalate	13.83	149	1100333	78.32	ng	#	96
84) Di-n-octyl phthalate	14.44	149	2001251	90.96	ng	#	82
85) Indeno(1,2,3-cd)pyrene	16.51	276	1620661	104.07	ng		95
87) Benzo(b)fluoranthene	14.84	252	1854219m	90.09	ng		
88) Benzo(k)fluoranthene	14.87	252	1067997m	49.75	ng		
89) Benzo(a)pyrene	15.16	252	1382128	71.12	ng		98
90) Dibenzo(a,h)anthracene	16.53	278	1324999	83.32	ng	#	93
91) Benzo(g,h,i)perylene	16.91	276	1390591	87.26	ng	#	92

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

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