Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
Data File : BF089596.D
Acq On : 4 Aug 2016 19:08
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
sohil
8/5/2016 6:58:50 PM

Quant Time: Aug 05 01:15:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:00:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	42040	20.00	ng		0.00
21) Naphthalene-d8	9.48	136	180503	20.00	ng		0.01
38) Acenaphthene-d10	12.31	164	83017	20.00	ng		0.01
63) Phenanthrene-d10	14.70	188	155998	20.00	ng		0.00
75) Chrysene-d12	18.39	240	90549	20.00	ng		0.00
86) Perylene-d12	20.05	264	68614	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	423889	170.12	ng		0.01
7) Phenol-d6	7.00	99	551071	163.45	ng		0.02
23) Nitrobenzene-d5	8.38	82	529695	162.15	ng		0.01
41) 2,4,6-Tribromophenol	13.60	330	112404	169.06	ng		0.01
44) 2-Fluorobiphenyl	11.27	172	960607	150.95	ng		0.01
78) Terphenyl-d14	17.06	244	740691	166.75	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.75	88	105251	71.39	ng		99
3) Pyridine	2.31	79	228764	86.38	ng		98
4) n-Nitrosodimethylamine	2.30	42	95679	94.43	ng		98
6) Aniline	6.95	93	372760	83.18	ng		99
8) 2-Chlorophenol	7.13	128	251845	83.36	ng		97
9) Benzaldehyde	6.75	77	90196	75.74	ng		94
10) Phenol	7.02	94	250738	71.96	ng		99
11) bis(2-Chloroethyl)ether	7.10	93	237657	77.77	ng		97
12) 1,3-Dichlorobenzene	7.35	146	263194	79.39	ng		96
13) 1,4-Dichlorobenzene	7.47	146	265873	80.28	ng		98
14) 1,2-Dichlorobenzene	7.71	146	270801	79.06	ng		98
15) Benzyl Alcohol	7.75	79	195227	88.82	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.95	45	288438	76.41	ng		97
17) 2-Methylphenol	7.95	107	181985	82.17	ng		94
18) Hexachloroethane	8.23	117	104370	75.12	ng		96
19) n-Nitroso-di-n-propylamine	8.19	70	202313	85.16	ng		97
20) 3+4-Methylphenols	8.22	107	236796	81.76	ng		97
22) Acetophenone	8.15	105	376809	85.92	ng	#	98
24) Nitrobenzene	8.40	77	260944	79.21	ng		99
25) Isophorone	8.80	82	495246	79.84	ng		99
26) 2-Nitrophenol	8.90	139	124428	87.63	ng		92
27) 2,4-Dimethylphenol	9.04	122	215039	84.80	ng		97
28) bis(2-Chloroethoxy)methane	9.19	93	314010	84.52	ng		100
29) 2,4-Dichlorophenol	9.31	162	197758	82.59	ng		97
30) 1,2,4-Trichlorobenzene	9.40	180	218182	79.97	ng		98
31) Naphthalene	9.52	128	751018	78.53	ng		100
32) Benzoic acid	9.43	122	145030	86.68	ng		94
33) 4-Chloroaniline	9.66	127	296364	79.40	ng		97
34) Hexachlorobutadiene	9.74	225	121610	76.86	ng		98
35) Caprolactam	10.34	113	60129	85.60	ng		94
36) 4-Chloro-3-methylphenol	10.51	107	228151	81.53	ng		97
37) 2-Methylnaphthalene	10.64	142	461083	78.65	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	249343	79.71	ng		99
40) Hexachlorocyclopentadiene	10.89	237	88847	97.90	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	126960	82.77	ng		100
43) 2,4,5-Trichlorophenol	11.21	196	141746	87.44	ng		97
45) 1,1'-Biphenyl	11.42	154	586696	78.35	ng		99
46) 2-Chloronaphthalene	11.43	162	436855	78.11	ng		98
47) 2-Nitroaniline	11.63	65	146026	81.77	ng		95
48) Acenaphthylene	12.08	152	713488	77.23	ng		100
49) Dimethylphthalate	11.98	163	516392	80.80	ng		99
50) 2,6-Dinitrotoluene	12.06	165	104524	81.51	ng	#	81
51) Acenaphthene	12.37	154	411735	76.71	ng		99
52) 3-Nitroaniline	12.32	138	120553	79.63	ng		93
53) 2,4-Dinitrophenol	12.51	184	45344	100.16	ng		95
54) Dibenzofuran	12.65	168	584793	80.03	ng		99
55) 4-Nitrophenol	12.69	139	63214m	74.54	ng		
56) 2,4-Dinitrotoluene	12.71	165	146630	84.39	ng		95
57) Fluorene	13.20	166	479517	77.11	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.88	232	98578	84.44	ng	#	98
59) Diethylphthalate	13.12	149	514699	78.95	ng		99
60) 4-Chlorophenyl-phenylether	13.23	204	231433	82.46	ng		96
61) 4-Nitroaniline	13.34	138	113725	84.82	ng		95
62) Azobenzene	13.49	77	537983	80.94	ng		94
64) 4,6-Dinitro-2-methylphenol	13.38	198	79951	91.46	ng		84
65) n-Nitrosodiphenylamine	13.45	169	431203	81.31	ng		100
66) 4-Bromophenyl-phenylether	14.01	248	126304	82.87	ng	#	82
67) Hexachlorobenzene	14.08	284	129327	78.46	ng		95
68) Atrazine	14.37	200	105132	74.90	ng		97
69) Pentachlorophenol	14.42	266	56422	96.06	ng		99
70) Phenanthrene	14.74	178	668386	80.07	ng		99
71) Anthracene	14.82	178	690267	75.78	ng		100
72) Carbazole	15.11	167	592203	79.83	ng		98
73) Di-n-butylphthalate	15.70	149	782701	81.49	ng		99
74) Fluoranthene	16.50	202	673699	79.10	ng		95
76) Benzidine	16.73	184	191908	76.16	ng	#	96
77) Pyrene	16.80	202	631010	79.20	ng		99
79) Butylbenzylphthalate	17.73	149	285026	92.64	ng		89
80) Benzo(a)anthracene	18.38	228	406637	77.55	ng		99
81) 3,3'-Dichlorobenzidine	18.37	252	130140	78.84	ng		98
82) Chrysene	18.42	228	417762	76.61	ng		99
83) Bis(2-ethylhexyl)phthalate	18.48	149	398583	96.45	ng	#	95
84) Di-n-octyl phthalate	19.25	149	563584	89.12	ng		98
85) Indeno(1,2,3-cd)pyrene	21.23	276	369799	83.32	ng		99
87) Benzo(b)fluoranthene	19.65	252	316615	75.41	ng		99
88) Benzo(k)fluoranthene	19.68	252	337425m	80.87	ng		
89) Benzo(a)pyrene	19.99	252	304039	78.10	ng	#	97
90) Dibenzo(a,h)anthracene	21.25	278	321102	88.70	ng		96
91) Benzo(g,h,i)perylene	21.57	276	328736	86.80	ng		98

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

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