Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090496.D
Acq On : 11 Oct 2016 11:52
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
sohil
10/12/2016 4:08:19 PM

Quant Time: Oct 11 13:23:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 13:13:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	210407	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	809068	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	414679	20.00	ng		-0.01
63) Phenanthrene-d10	11.48	188	699001	20.00	ng		0.00
75) Chrysene-d12	14.13	240	737481	20.00	ng		0.00
86) Perylene-d12	15.61	264	571607	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	690219	48.96	ng		-0.01
7) Phenol-d6	6.58	99	852399	46.16	ng		-0.01
23) Nitrobenzene-d5	7.51	82	818449	49.21	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	195880	58.09	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	1488183	59.79	ng		0.00
78) Terphenyl-d14	13.07	244	1362679	41.54	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	168602	24.26	ng	#	84
3) Pyridine	3.37	79	438557	22.63	ng	#	77
4) n-Nitrosodimethylamine	3.31	42	155709	19.47	ng	#	44
6) Aniline	6.61	93	580813	22.77	ng		94
8) 2-Chlorophenol	6.74	128	398473	25.68	ng		90
9) Benzaldehyde	6.50	77	297062	31.83	ng		96
10) Phenol	6.59	94	461191	21.48	ng		96
11) bis(2-Chloroethyl)ether	6.68	93	352721	21.46	ng		94
12) 1,3-Dichlorobenzene	6.90	146	387302	25.04	ng		97
13) 1,4-Dichlorobenzene	6.97	146	379345	24.15	ng		98
14) 1,2-Dichlorobenzene	7.13	146	400013	26.43	ng		96
15) Benzyl Alcohol	7.09	79	368541	26.26	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	517450	18.56	ng		90
17) 2-Methylphenol	7.21	107	321925	25.23	ng		97
18) Hexachloroethane	7.47	117	152103	24.56	ng		100
19) n-Nitroso-di-n-propylamine	7.37	70	288601	21.32	ng	#	75
20) 3+4-Methylphenols	7.35	107	381330	23.09	ng	#	83
22) Acetophenone	7.35	105	485248	25.32	ng	#	95
24) Nitrobenzene	7.54	77	412720	24.99	ng	#	81
25) Isophorone	7.78	82	732742	24.10	ng		95
26) 2-Nitrophenol	7.85	139	186438	26.23	ng	#	71
27) 2,4-Dimethylphenol	7.89	122	359727	26.03	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	415876	23.12	ng		97
29) 2,4-Dichlorophenol	8.10	162	291969	27.78	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	300519	27.75	ng		100
31) Naphthalene	8.26	128	1022311	26.19	ng		98
32) Benzoic acid	7.99	122	262707	27.34	ng		98
33) 4-Chloroaniline	8.30	127	425490	26.37	ng		98
34) Hexachlorobutadiene	8.38	225	183081	30.26	ng		100
35) Caprolactam	8.66	113	89356	25.29	ng	#	85
36) 4-Chloro-3-methylphenol	8.78	107	299256	22.74	ng		94
37) 2-Methylnaphthalene	8.95	142	724843	30.68	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	293080	26.81	ng		98
40) Hexachlorocyclopentadiene	9.11	237	146291	24.41	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	205274	27.21	ng		97
43) 2,4,5-Trichlorophenol	9.27	196	198701	27.85	ng	#	84
45) 1,1'-Biphenyl	9.42	154	846398	27.54	ng		93
46) 2-Chloronaphthalene	9.45	162	677391	29.84	ng		94
47) 2-Nitroaniline	9.54	65	242268	27.04	ng	#	77
48) Acenaphthylene	9.86	152	985963	26.32	ng		98
49) Dimethylphthalate	9.72	163	766066	28.85	ng		97
50) 2,6-Dinitrotoluene	9.78	165	180744	30.65	ng	#	77
51) Acenaphthene	10.03	154	625771	26.79	ng		96
52) 3-Nitroaniline	9.95	138	213307	30.97	ng	#	79
53) 2,4-Dinitrophenol	10.05	184	79202	30.13	ng	#	76
54) Dibenzofuran	10.20	168	851449	28.16	ng		94
55) 4-Nitrophenol	10.10	139	147580	24.49	ng		99
56) 2,4-Dinitrotoluene	10.18	165	232114	29.58	ng	#	56
57) Fluorene	10.54	166	717292	28.23	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.31	232	154350m	28.97	ng		
59) Diethylphthalate	10.42	149	781178	28.43	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	340877	29.51	ng	#	84
61) 4-Nitroaniline	10.55	138	199354	28.73	ng		95
62) Azobenzene	10.69	77	831634	26.20	ng		87
64) 4,6-Dinitro-2-methylphenol	10.59	198	125038	29.48	ng	#	44
65) n-Nitrosodiphenylamine	10.66	169	650810	27.78	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	192436	28.09	ng	#	79
67) Hexachlorobenzene	11.09	284	204277	26.77	ng	#	76
68) Atrazine	11.18	200	209979	36.36	ng		96
69) Pentachlorophenol	11.29	266	133252	29.34	ng		99
70) Phenanthrene	11.50	178	1003398	28.03	ng		96
71) Anthracene	11.56	178	1087426	29.75	ng		98
72) Carbazole	11.71	167	915200	26.95	ng		97
73) Di-n-butylphthalate	12.05	149	1227128	29.69	ng	#	95
74) Fluoranthene	12.70	202	1108254	31.57	ng		89
76) Benzidine	12.82	184	603764	31.14	ng		99
77) Pyrene	12.93	202	1179518	23.99	ng		97
79) Butylbenzylphthalate	13.55	149	561722	22.26	ng		96
80) Benzo(a)anthracene	14.12	228	1119933	27.07	ng		98
81) 3,3'-Dichlorobenzidine	14.09	252	391247	26.08	ng	#	99
82) Chrysene	14.16	228	916952	24.08	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	785485	21.90	ng	#	98
84) Di-n-octyl phthalate	14.73	149	1247859	23.47	ng	#	89
85) Indeno(1,2,3-cd)pyrene	17.08	276	837419	30.84	ng		96
87) Benzo(b)fluoranthene	15.17	252	872942	23.98	ng	#	96
88) Benzo(k)fluoranthene	15.21	252	958322m	28.02	ng		
89) Benzo(a)pyrene	15.54	252	861678	27.46	ng	#	96
90) Dibenzo(a,h)anthracene	17.10	278	736917	27.60	ng		97
91) Benzo(g,h,i)perylene	17.53	276	689142	26.90	ng		98

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

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