Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101316\
Data File : BF090549.D
Acq On : 13 Oct 2016 18:51
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
sohil
10/14/2016 6:38:55 PM

Quant Time: Oct 14 11:49:33 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 01:18:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	203514	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	848883	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	444655	20.00	ng		-0.01
63) Phenanthrene-d10	11.46	188	784469	20.00	ng		0.00
75) Chrysene-d12	14.10	240	633593	20.00	ng		0.00
86) Perylene-d12	15.55	264	424935	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	179945	14.02	ng		0.00
7) Phenol-d6	6.55	99	343179	20.70	ng		0.00
23) Nitrobenzene-d5	7.48	82	315418	19.91	ng		-0.01
41) 2,4,6-Tribromophenol	10.75	330	87973	20.48	ng		-0.01
44) 2-Fluorobiphenyl	9.29	172	612586	23.29	ng		0.00
78) Terphenyl-d14	13.04	244	604642	23.26	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	59977	9.34	ng		96
3) Pyridine	3.34	79	113402m	6.56	ng		
4) n-Nitrosodimethylamine	3.30	42	28474m	5.01	ng		
6) Aniline	6.60	93	179494	8.56	ng		99
8) 2-Chlorophenol	6.70	128	147994	10.55	ng		94
9) Benzaldehyde	6.47	77	114846m	10.90	ng		
10) Phenol	6.57	94	196515	10.57	ng		91
11) bis(2-Chloroethyl)ether	6.66	93	162838	11.42	ng		90
12) 1,3-Dichlorobenzene	6.86	146	142884	9.62	ng		99
13) 1,4-Dichlorobenzene	6.94	146	158875	10.26	ng		98
14) 1,2-Dichlorobenzene	7.09	146	150187	10.74	ng		98
15) Benzyl Alcohol	7.07	79	99484	7.82	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.19	45	217684	10.48	ng		97
17) 2-Methylphenol	7.18	107	108963	9.48	ng	#	92
18) Hexachloroethane	7.43	117	62102	10.75	ng		91
19) n-Nitroso-di-n-propylamine	7.32	70	109697	10.06	ng		97
20) 3+4-Methylphenols	7.33	107	122789	8.57	ng		97
22) Acetophenone	7.33	105	193973	10.34	ng	#	93
24) Nitrobenzene	7.50	77	153666	9.26	ng		90
25) Isophorone	7.73	82	268996	9.43	ng		97
26) 2-Nitrophenol	7.82	139	69895	9.25	ng		92
27) 2,4-Dimethylphenol	7.86	122	110817	8.63	ng		96
28) bis(2-Chloroethoxy)methane	7.96	93	164385	9.23	ng		97
29) 2,4-Dichlorophenol	8.06	162	106910	9.97	ng		94
30) 1,2,4-Trichlorobenzene	8.14	180	126881	10.19	ng		96
31) Naphthalene	8.22	128	460141	10.80	ng		99
32) Benzoic acid	7.95	122	55054	5.64	ng	#	72
33) 4-Chloroaniline	8.29	127	167238	9.38	ng	#	92
34) Hexachlorobutadiene	8.35	225	72775	10.50	ng		99
35) Caprolactam	8.61	113	30010	8.64	ng		92
36) 4-Chloro-3-methylphenol	8.76	107	121220	9.65	ng		87
37) 2-Methylnaphthalene	8.92	142	278805	9.85	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	122269	9.99	ng		97
40) Hexachlorocyclopentadiene	9.08	237	49633	8.25	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	65951	8.01	ng		99
43) 2,4,5-Trichlorophenol	9.24	196	82949	10.16	ng	#	89
45) 1,1'-Biphenyl	9.39	154	367501	10.93	ng		95
46) 2-Chloronaphthalene	9.41	162	274927	10.97	ng		95
47) 2-Nitroaniline	9.51	65	84267	9.31	ng		92
48) Acenaphthylene	9.82	152	437057	10.73	ng		98
49) Dimethylphthalate	9.67	163	308197	10.43	ng		98
50) 2,6-Dinitrotoluene	9.74	165	68400	10.33	ng	#	85
51) Acenaphthene	9.99	154	289412	10.65	ng		99
52) 3-Nitroaniline	9.93	138	80178	9.79	ng		91
53) 2,4-Dinitrophenol	10.03	184	20749	5.98	ng	#	1
54) Dibenzofuran	10.17	168	374457	10.33	ng		96
55) 4-Nitrophenol	10.10	139	35986	5.98	ng	#	83
56) 2,4-Dinitrotoluene	10.14	165	89576	10.18	ng	#	89
57) Fluorene	10.51	166	317113	10.75	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.29	232	72539	10.53	ng	#	94
59) Diethylphthalate	10.38	149	322626	10.65	ng		96
60) 4-Chlorophenyl-phenylether	10.51	204	147997	10.93	ng		94
61) 4-Nitroaniline	10.54	138	80663	9.85	ng		85
62) Azobenzene	10.67	77	314553	9.49	ng		92
64) 4,6-Dinitro-2-methylphenol	10.55	198	36077	6.90	ng		98
65) n-Nitrosodiphenylamine	10.62	169	262137	10.24	ng		99
66) 4-Bromophenyl-phenylether	11.00	248	85601	9.94	ng		98
67) Hexachlorobenzene	11.06	284	95852	10.12	ng	#	82
68) Atrazine	11.15	200	73564	9.39	ng		94
69) Pentachlorophenol	11.25	266	37075	6.64	ng		93
70) Phenanthrene	11.48	178	426758	9.99	ng		98
71) Anthracene	11.53	178	482108	10.92	ng		99
72) Carbazole	11.69	167	423434	10.35	ng		98
73) Di-n-butylphthalate	12.01	149	488129	9.90	ng	#	98
74) Fluoranthene	12.66	202	426145	9.77	ng		89
76) Benzidine	12.80	184	163802	8.28	ng		98
77) Pyrene	12.89	202	438675	10.94	ng		99
79) Butylbenzylphthalate	13.52	149	183638	9.81	ng		97
80) Benzo(a)anthracene	14.09	228	373671	9.82	ng		97
81) 3,3'-Dichlorobenzidine	14.05	252	132984	9.95	ng		100
82) Chrysene	14.12	228	382386	10.92	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	257260	9.52	ng		98
84) Di-n-octyl phthalate	14.68	149	337852	8.30	ng		98
85) Indeno(1,2,3-cd)pyrene	17.00	276	191716	6.83	ng		99
87) Benzo(b)fluoranthene	15.13	252	259608m	9.22	ng		
88) Benzo(k)fluoranthene	15.16	252	315668m	12.36	ng		
89) Benzo(a)pyrene	15.49	252	254594	10.34	ng		96
90) Dibenzo(a,h)anthracene	17.02	278	165484	8.01	ng		98
91) Benzo(g,h,i)perylene	17.44	276	162190	8.42	ng		98

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

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