Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085318.D
Acq On : 10 Mar 2016 00:26
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
3/10/2016 3:03:39 PM

Quant Time: Mar 10 10:14:22 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	239107	20.00	ng		-0.03
21) Naphthalene-d8	8.23	136	931189	20.00	ng		-0.03
38) Acenaphthene-d10	9.99	164	436798	20.00	ng		-0.03
63) Phenanthrene-d10	11.48	188	790997	20.00	ng		-0.03
75) Chrysene-d12	14.12	240	442913	20.00	ng		-0.03
86) Perylene-d12	15.58	264	328939	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1171532	82.19	ng		-0.02
7) Phenol-d6	6.57	99	1464555	78.42	ng		-0.03
23) Nitrobenzene-d5	7.52	82	1398269	80.35	ng		-0.02
41) 2,4,6-Tribromophenol	10.78	330	323876	86.66	ng		-0.03
44) 2-Fluorobiphenyl	9.32	172	2184479	76.06	ng		-0.03
78) Terphenyl-d14	13.07	244	1670772	87.57	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	276217	37.89	ng		97
3) Pyridine	3.42	79	691121	37.88	ng		98
4) n-Nitrosodimethylamine	3.37	42	308550	39.51	ng		98
6) Aniline	6.62	93	1018971	38.93	ng		94
8) 2-Chlorophenol	6.73	128	630330	36.73	ng		100
9) Benzaldehyde	6.49	77	346744	39.29	ng		100
10) Phenol	6.60	94	842333m	42.11	ng		
11) bis(2-Chloroethyl)ether	6.69	93	664843	40.02	ng		100
12) 1,3-Dichlorobenzene	6.89	146	721603	39.16	ng		100
13) 1,4-Dichlorobenzene	6.96	146	674066	36.50	ng		98
14) 1,2-Dichlorobenzene	7.12	146	650446	38.82	ng		99
15) Benzyl Alcohol	7.09	79	484374	35.33	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.22	45	802911	33.53	ng		97
17) 2-Methylphenol	7.20	107	527998	37.71	ng		98
18) Hexachloroethane	7.46	117	263733	38.72	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	473788	38.92	ng		98
20) 3+4-Methylphenols	7.36	107	652617	39.35	ng	#	71
22) Acetophenone	7.36	105	804278	35.39	ng	#	95
24) Nitrobenzene	7.53	77	628277	35.54	ng		100
25) Isophorone	7.77	82	1316490	40.82	ng		99
26) 2-Nitrophenol	7.85	139	399154	46.40	ng		94
27) 2,4-Dimethylphenol	7.89	122	663798	42.22	ng		96
28) bis(2-Chloroethoxy)methane	7.98	93	712630	39.68	ng		99
29) 2,4-Dichlorophenol	8.09	162	549947	43.37	ng		96
30) 1,2,4-Trichlorobenzene	8.17	180	543875	39.68	ng		100
31) Naphthalene	8.25	128	1722563	37.62	ng		100
32) Benzoic acid	8.01	122	390660	37.41	ng		96
33) 4-Chloroaniline	8.30	127	735261	39.70	ng		99
34) Hexachlorobutadiene	8.38	225	298373	41.83	ng		100
35) Caprolactam	8.69	113	179444m	43.34	ng		
36) 4-Chloro-3-methylphenol	8.79	107	598089	41.58	ng	#	84
37) 2-Methylnaphthalene	8.95	142	1219603	41.51	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	504387	40.38	ng		98
40) Hexachlorocyclopentadiene	9.10	237	259980	38.59	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	382587	41.14	ng		98
43) 2,4,5-Trichlorophenol	9.27	196	362203	41.08	ng	#	87
45) 1,1'-Biphenyl	9.42	154	1491550	39.97	ng		94
46) 2-Chloronaphthalene	9.44	162	1125329	39.56	ng		97
47) 2-Nitroaniline	9.53	65	368943	41.86	ng	#	85
48) Acenaphthylene	9.85	152	1604098	36.23	ng		99
49) Dimethylphthalate	9.72	163	1202238	35.86	ng		99
50) 2,6-Dinitrotoluene	9.77	165	279567	38.98	ng	#	87
51) Acenaphthene	10.02	154	994964	37.01	ng		98
52) 3-Nitroaniline	9.94	138	309196	36.03	ng		82
53) 2,4-Dinitrophenol	10.05	184	105981	34.22	ng	#	47
54) Dibenzofuran	10.20	168	1247771	35.43	ng		99
55) 4-Nitrophenol	10.10	139	282425	41.88	ng		94
56) 2,4-Dinitrotoluene	10.18	165	418949	45.64	ng	#	72
57) Fluorene	10.54	166	996346	36.02	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.31	232	236387	38.16	ng		96
59) Diethylphthalate	10.41	149	1207068	37.10	ng		97
60) 4-Chlorophenyl-phenylether	10.53	204	518390	38.51	ng		93
61) 4-Nitroaniline	10.56	138	303789	37.85	ng		99
62) Azobenzene	10.69	77	1202905	37.53	ng		97
64) 4,6-Dinitro-2-methylphenol	10.58	198	157936	33.35	ng	#	46
65) n-Nitrosodiphenylamine	10.65	169	971416	39.48	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	313932	40.87	ng	#	83
67) Hexachlorobenzene	11.09	284	330321	40.31	ng	#	82
68) Atrazine	11.18	200	302988	44.28	ng		97
69) Pentachlorophenol	11.28	266	192036	42.22	ng		99
70) Phenanthrene	11.50	178	1632314	39.38	ng		99
71) Anthracene	11.56	178	1596279	36.27	ng		98
72) Carbazole	11.70	167	1279447	33.16	ng		99
73) Di-n-butylphthalate	12.04	149	1663282	34.10	ng		99
74) Fluoranthene	12.69	202	1321397	31.76	ng		97
76) Benzidine	12.81	184	502370	38.11	ng		99
77) Pyrene	12.92	202	1347875	40.43	ng		99
79) Butylbenzylphthalate	13.53	149	577076	38.15	ng	#	87
80) Benzo(a)anthracene	14.11	228	980653	36.99	ng		99
81) 3,3'-Dichlorobenzidine	14.07	252	348347	41.65	ng	#	94
82) Chrysene	14.14	228	822156	33.57	ng		100
83) Bis(2-ethylhexyl)phthalate	14.09	149	718145	36.08	ng	#	97
84) Di-n-octyl phthalate	14.70	149	1003434	33.10	ng		96
85) Indeno(1,2,3-cd)pyrene	17.04	276	931012	48.70	ng		97
87) Benzo(b)fluoranthene	15.16	252	845334	38.56	ng	#	95
88) Benzo(k)fluoranthene	15.18	252	635898m	35.96	ng		
89) Benzo(a)pyrene	15.52	252	728635	40.10	ng		99
90) Dibenzo(a,h)anthracene	17.07	278	778940	50.22	ng		97
91) Benzo(g,h,i)perylene	17.50	276	787815	50.52	ng	#	93

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

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