Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085394.D
Acq On : 12 Mar 2016 2:56
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:47 AM

Quant Time: Mar 14 02:22:37 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	6.94	152	186285	20.00	ng		-0.05
21) Naphthalene-d8	8.23	136	727322	20.00	ng		-0.03
38) Acenaphthene-d10	9.98	164	308457	20.00	ng		-0.05
63) Phenanthrene-d10	11.46	188	515733	20.00	ng		-0.05
75) Chrysene-d12	14.11	240	329739	20.00	ng		-0.05
86) Perylene-d12	15.57	264	340506	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	824984	74.29	ng		-0.05
7) Phenol-d6	6.56	99	1163434	79.96	ng		-0.05
23) Nitrobenzene-d5	7.51	82	1042822	76.72	ng		-0.03
41) 2,4,6-Tribromophenol	10.78	330	217355	82.35	ng		-0.03
44) 2-Fluorobiphenyl	9.30	172	1545629	76.21	ng		-0.05
78) Terphenyl-d14	13.05	244	1171753	82.49	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	217069	38.22	ng		98
3) Pyridine	3.35	79	496815	34.95	ng		96
4) n-Nitrosodimethylamine	3.29	42	230981	37.97	ng		99
6) Aniline	6.60	93	766445	37.58	ng		98
8) 2-Chlorophenol	6.72	128	531841	39.78	ng		97
9) Benzaldehyde	6.48	77	268102	38.90	ng		96
10) Phenol	6.58	94	670532m	43.03	ng		
11) bis(2-Chloroethyl)ether	6.68	93	524384	40.51	ng		99
12) 1,3-Dichlorobenzene	6.88	146	572261	39.87	ng		99
13) 1,4-Dichlorobenzene	6.95	146	538559	37.44	ng		99
14) 1,2-Dichlorobenzene	7.11	146	516506	39.57	ng		99
15) Benzyl Alcohol	7.08	79	379272	35.51	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	638574	34.23	ng		99
17) 2-Methylphenol	7.19	107	398517	36.53	ng		96
18) Hexachloroethane	7.45	117	204461	38.53	ng		98
19) n-Nitroso-di-n-propylamine	7.36	70	352371	37.16	ng		98
20) 3+4-Methylphenols	7.35	107	499099	38.62	ng	#	71
22) Acetophenone	7.35	105	616252	34.71	ng		95
24) Nitrobenzene	7.52	77	485824	35.19	ng		98
25) Isophorone	7.76	82	974226	38.68	ng		100
26) 2-Nitrophenol	7.84	139	297936	44.34	ng	#	84
27) 2,4-Dimethylphenol	7.88	122	459436	37.41	ng		94
28) bis(2-Chloroethoxy)methane	7.98	93	586632	41.82	ng	#	97
29) 2,4-Dichlorophenol	8.08	162	391946	39.58	ng		92
30) 1,2,4-Trichlorobenzene	8.16	180	428431	40.01	ng		98
31) Naphthalene	8.25	128	1434077	40.10	ng		98
32) Benzoic acid	8.00	122	370753	45.46	ng		97
33) 4-Chloroaniline	8.30	127	624645	43.18	ng	#	91
34) Hexachlorobutadiene	8.37	225	239509	42.99	ng		99
35) Caprolactam	8.68	113	125182m	38.71	ng		
36) 4-Chloro-3-methylphenol	8.78	107	476643	42.43	ng		92
37) 2-Methylnaphthalene	8.94	142	843612	36.76	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	411403	46.64	ng		97
40) Hexachlorocyclopentadiene	9.10	237	115515	24.28	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	257857	39.27	ng		95
43) 2,4,5-Trichlorophenol	9.26	196	287188	46.13	ng	#	91
45) 1,1'-Biphenyl	9.41	154	1157014	43.91	ng		96
46) 2-Chloronaphthalene	9.43	162	811581	40.40	ng		95
47) 2-Nitroaniline	9.52	65	246866	39.66	ng		91
48) Acenaphthylene	9.84	152	1185215	37.91	ng		99
49) Dimethylphthalate	9.70	163	925894	39.11	ng		99
50) 2,6-Dinitrotoluene	9.76	165	201928	39.87	ng	#	77
51) Acenaphthene	10.01	154	753469	39.69	ng		99
52) 3-Nitroaniline	9.93	138	223684	36.91	ng		86
53) 2,4-Dinitrophenol	10.04	184	70983	32.87	ng	#	56
54) Dibenzofuran	10.18	168	933099	37.52	ng		98
55) 4-Nitrophenol	10.09	139	196733	41.31	ng		97
56) 2,4-Dinitrotoluene	10.17	165	289917	44.73	ng	#	72
57) Fluorene	10.53	166	746925	38.23	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.31	232	179450	41.03	ng		95
59) Diethylphthalate	10.40	149	938554	40.85	ng		97
60) 4-Chlorophenyl-phenylether	10.53	204	397963	41.87	ng	#	79
61) 4-Nitroaniline	10.55	138	249652	44.05	ng		94
62) Azobenzene	10.68	77	885217	39.11	ng		94
64) 4,6-Dinitro-2-methylphenol	10.57	198	98810	32.00	ng	#	48
65) n-Nitrosodiphenylamine	10.64	169	738206	46.02	ng		98
66) 4-Bromophenyl-phenylether	11.01	248	218811	43.69	ng	#	79
67) Hexachlorobenzene	11.08	284	215302	40.30	ng	#	75
68) Atrazine	11.17	200	212309	47.59	ng		98
69) Pentachlorophenol	11.27	266	131596	44.38	ng		99
70) Phenanthrene	11.49	178	1096447	40.57	ng		99
71) Anthracene	11.54	178	1132899	39.48	ng		99
72) Carbazole	11.69	167	920807	36.60	ng		98
73) Di-n-butylphthalate	12.02	149	1236049	38.87	ng		100
74) Fluoranthene	12.68	202	961504	35.45	ng		96
76) Benzidine	12.80	184	491556	50.09	ng		100
77) Pyrene	12.90	202	963882	38.84	ng		98
79) Butylbenzylphthalate	13.52	149	460253	40.87	ng		99
80) Benzo(a)anthracene	14.09	228	791932	40.12	ng		99
81) 3,3'-Dichlorobenzidine	14.06	252	288608	46.35	ng		99
82) Chrysene	14.14	228	823700	45.17	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	630241	42.53	ng		99
84) Di-n-octyl phthalate	14.70	149	1059451	46.94	ng		99
85) Indeno(1,2,3-cd)pyrene	17.04	276	801729	56.34	ng		98
87) Benzo(b)fluoranthene	15.15	252	750496	33.07	ng		99
88) Benzo(k)fluoranthene	15.18	252	807545m	44.11	ng		
89) Benzo(a)pyrene	15.51	252	760120	40.42	ng	#	95
90) Dibenzo(a,h)anthracene	17.05	278	684635	42.64	ng		99
91) Benzo(g,h,i)perylene	17.49	276	635153	39.35	ng		94

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

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