Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085153.D
Acq On : 3 Mar 2016 6:58
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
3/3/2016 1:43:12 PM

Quant Time: Mar 03 07:26:59 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	164213	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	653815	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	301925	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	487651	20.00	ng		0.00
75) Chrysene-d12	14.15	240	348181	20.00	ng		0.00
86) Perylene-d12	15.63	264	397665	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	789185	78.02	ng		0.00
7) Phenol-d6	6.61	99	1060509	79.98	ng		0.00
23) Nitrobenzene-d5	7.56	82	967855	78.76	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	252849	83.33	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	1447538	70.61	ng		0.00
78) Terphenyl-d14	13.10	244	1233726	83.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	195207	38.94	ng		97
3) Pyridine	3.46	79	496325	38.58	ng		99
4) n-Nitrosodimethylamine	3.41	42	217878	37.22	ng		93
6) Aniline	6.65	93	720639	38.30	ng		99
8) 2-Chlorophenol	6.78	128	474068	40.66	ng		87
9) Benzaldehyde	6.54	77	268905	42.23	ng		94
10) Phenol	6.63	94	580726m	39.14	ng		
11) bis(2-Chloroethyl)ether	6.72	93	422127	35.89	ng		94
12) 1,3-Dichlorobenzene	6.93	146	496556m	39.65	ng		
13) 1,4-Dichlorobenzene	7.01	146	496264	38.88	ng		97
14) 1,2-Dichlorobenzene	7.17	146	493846	43.95	ng		94
15) Benzyl Alcohol	7.13	79	392361	40.59	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.27	45	675314	38.96	ng		99
17) 2-Methylphenol	7.24	107	368660	37.74	ng		98
18) Hexachloroethane	7.51	117	193749	41.07	ng	#	88
19) n-Nitroso-di-n-propylamine	7.41	70	349276	39.97	ng		98
20) 3+4-Methylphenols	7.40	107	503862	43.16	ng	#	76
22) Acetophenone	7.40	105	643209	39.11	ng	#	90
24) Nitrobenzene	7.58	77	509423	39.96	ng	#	80
25) Isophorone	7.82	82	904628	38.48	ng	#	91
26) 2-Nitrophenol	7.89	139	217437	38.15	ng	#	75
27) 2,4-Dimethylphenol	7.92	122	420018	38.01	ng		93
28) bis(2-Chloroethoxy)methane	8.02	93	570531	44.01	ng		98
29) 2,4-Dichlorophenol	8.13	162	366352	40.30	ng		95
30) 1,2,4-Trichlorobenzene	8.22	180	430583	43.45	ng		98
31) Naphthalene	8.30	128	1293716	39.13	ng		99
32) Benzoic acid	8.01	122	199562	35.51	ng		98
33) 4-Chloroaniline	8.34	127	558679	42.74	ng		94
34) Hexachlorobutadiene	8.41	225	238530	41.50	ng		98
35) Caprolactam	8.71	113	99208	34.77	ng		97
36) 4-Chloro-3-methylphenol	8.81	107	380232	37.83	ng		96
37) 2-Methylnaphthalene	8.98	142	790578	39.11	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	395442	42.53	ng		100
40) Hexachlorocyclopentadiene	9.14	237	182081	34.39	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	249825	39.91	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	262048	43.68	ng	#	90
45) 1,1'-Biphenyl	9.45	154	1054450	39.34	ng		97
46) 2-Chloronaphthalene	9.48	162	741648	37.94	ng		96
47) 2-Nitroaniline	9.57	65	215942	35.19	ng	#	75
48) Acenaphthylene	9.90	152	1266230	43.59	ng		97
49) Dimethylphthalate	9.75	163	898596	40.14	ng		100
50) 2,6-Dinitrotoluene	9.81	165	180168	38.81	ng		90
51) Acenaphthene	10.07	154	789959	43.31	ng		99
52) 3-Nitroaniline	9.98	138	208941	37.89	ng		93
53) 2,4-Dinitrophenol	10.08	184	34734	29.46	ng	#	1
54) Dibenzofuran	10.24	168	987868	41.72	ng		90
55) 4-Nitrophenol	10.13	139	157891	37.31	ng	#	79
56) 2,4-Dinitrotoluene	10.21	165	221464	35.41	ng		90
57) Fluorene	10.58	166	800562	42.99	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.36	232	183740	40.43	ng		93
59) Diethylphthalate	10.45	149	839820	39.14	ng		97
60) 4-Chlorophenyl-phenylether	10.57	204	426625	44.45	ng	#	86
61) 4-Nitroaniline	10.58	138	171288	33.14	ng		87
62) Azobenzene	10.73	77	903033	41.66	ng		89
64) 4,6-Dinitro-2-methylphenol	10.62	198	83824	31.51	ng		91
65) n-Nitrosodiphenylamine	10.69	169	674291	43.87	ng		99
66) 4-Bromophenyl-phenylether	11.06	248	253266	49.46	ng	#	82
67) Hexachlorobenzene	11.13	284	261038	45.16	ng	#	81
68) Atrazine	11.21	200	228352	48.70	ng		96
69) Pentachlorophenol	11.32	266	132949	39.20	ng		98
70) Phenanthrene	11.54	178	1123228	46.30	ng		98
71) Anthracene	11.59	178	1046684	38.42	ng		99
72) Carbazole	11.74	167	875928	36.95	ng		98
73) Di-n-butylphthalate	12.07	149	1108358	39.28	ng	#	98
74) Fluoranthene	12.72	202	956410	35.93	ng		96
76) Benzidine	12.85	184	398643	37.87	ng		98
77) Pyrene	12.96	202	984093	41.40	ng		95
79) Butylbenzylphthalate	13.57	149	377113	37.47	ng	#	73
80) Benzo(a)anthracene	14.14	228	786117	38.89	ng		100
81) 3,3'-Dichlorobenzidine	14.11	252	311561	49.31	ng	#	96
82) Chrysene	14.17	228	779752	42.24	ng		98
83) Bis(2-ethylhexyl)phthalate	14.13	149	538317	46.32	ng		98
84) Di-n-octyl phthalate	14.75	149	862853	50.02	ng		98
85) Indeno(1,2,3-cd)pyrene	17.12	276	975746	62.51	ng		98
87) Benzo(b)fluoranthene	15.19	252	949827	39.23	ng	#	96
88) Benzo(k)fluoranthene	15.23	252	711628m	33.93	ng		
89) Benzo(a)pyrene	15.57	252	840131	41.25	ng		97
90) Dibenzo(a,h)anthracene	17.13	278	835813	45.56	ng		98
91) Benzo(g,h,i)perylene	17.57	276	768746	41.22	ng		97

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

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