Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085278.D
Acq On : 9 Mar 2016 1:51
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
UMANGI
3/9/2016 9:31:04 AM

Quant Time: Mar 09 02:55:22 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	6.96	152	179941	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	707059	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	315948	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	576036	20.00	ng		-0.02
75) Chrysene-d12	14.13	240	440034	20.00	ng		-0.02
86) Perylene-d12	15.59	264	324202	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	783206	73.01	ng		-0.02
7) Phenol-d6	6.58	99	1024049	72.86	ng		-0.02
23) Nitrobenzene-d5	7.52	82	1033638	78.23	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	212273	78.52	ng		-0.02
44) 2-Fluorobiphenyl	9.33	172	1690221	81.36	ng		-0.02
78) Terphenyl-d14	13.08	244	1487350	78.47	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	197844	36.06	ng		97
3) Pyridine	3.41	79	468775	34.14	ng		96
4) n-Nitrosodimethylamine	3.35	42	214667	36.53	ng		97
6) Aniline	6.62	93	750533	38.10	ng		100
8) 2-Chlorophenol	6.74	128	498961	38.63	ng		98
9) Benzaldehyde	6.50	77	237666	34.73	ng		99
10) Phenol	6.60	94	552912m	36.73	ng		
11) bis(2-Chloroethyl)ether	6.70	93	504701	40.37	ng		96
12) 1,3-Dichlorobenzene	6.90	146	540320	38.97	ng		99
13) 1,4-Dichlorobenzene	6.98	146	539309m	38.81	ng		
14) 1,2-Dichlorobenzene	7.13	146	506752	40.19	ng		99
15) Benzyl Alcohol	7.10	79	369010	35.77	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	641635	35.60	ng		99
17) 2-Methylphenol	7.21	107	424424	40.28	ng		99
18) Hexachloroethane	7.48	117	196183	38.27	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	321370	35.08	ng	#	90
20) 3+4-Methylphenols	7.36	107	474566	38.02	ng		95
22) Acetophenone	7.37	105	682812	39.56	ng		98
24) Nitrobenzene	7.54	77	516295	38.46	ng		99
25) Isophorone	7.78	82	939839	38.38	ng		99
26) 2-Nitrophenol	7.86	139	287680	44.04	ng	#	91
27) 2,4-Dimethylphenol	7.90	122	497630	41.69	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	505670	37.08	ng		100
29) 2,4-Dichlorophenol	8.10	162	394124	40.94	ng		97
30) 1,2,4-Trichlorobenzene	8.18	180	414904	39.86	ng		99
31) Naphthalene	8.26	128	1382228	39.76	ng		99
32) Benzoic acid	8.01	122	372419	46.97	ng		99
33) 4-Chloroaniline	8.31	127	560702	39.87	ng		100
34) Hexachlorobutadiene	8.39	225	228544	42.20	ng		98
35) Caprolactam	8.70	113	137357	43.69	ng	#	72
36) 4-Chloro-3-methylphenol	8.79	107	409387	37.48	ng		98
37) 2-Methylnaphthalene	8.96	142	915907	41.05	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	391810	43.36	ng		97
40) Hexachlorocyclopentadiene	9.12	237	206093	42.29	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	297528	44.23	ng		98
43) 2,4,5-Trichlorophenol	9.27	196	269120	42.20	ng		95
45) 1,1'-Biphenyl	9.43	154	1170554	43.37	ng		94
46) 2-Chloronaphthalene	9.45	162	879280	42.73	ng		96
47) 2-Nitroaniline	9.54	65	279659	43.86	ng	#	80
48) Acenaphthylene	9.86	152	1262311	39.42	ng		99
49) Dimethylphthalate	9.73	163	1032452	42.57	ng		100
50) 2,6-Dinitrotoluene	9.78	165	207531	40.00	ng		92
51) Acenaphthene	10.04	154	771076	39.66	ng		99
52) 3-Nitroaniline	9.96	138	258625	41.67	ng		91
53) 2,4-Dinitrophenol	10.06	184	126756	51.34	ng	#	42
54) Dibenzofuran	10.21	168	976122	38.32	ng		99
55) 4-Nitrophenol	10.10	139	199094	40.82	ng	#	80
56) 2,4-Dinitrotoluene	10.18	165	258156	38.88	ng		94
57) Fluorene	10.55	166	756311	37.80	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	189599	42.32	ng		99
59) Diethylphthalate	10.42	149	936392	39.79	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	364382	37.43	ng		91
61) 4-Nitroaniline	10.57	138	232367	40.03	ng		82
62) Azobenzene	10.70	77	831839	35.88	ng		97
64) 4,6-Dinitro-2-methylphenol	10.60	198	153069	44.38	ng		82
65) n-Nitrosodiphenylamine	10.66	169	738490	41.22	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	215811	38.58	ng	#	87
67) Hexachlorobenzene	11.10	284	234588	39.31	ng	#	86
68) Atrazine	11.19	200	219010	43.95	ng		92
69) Pentachlorophenol	11.29	266	164397	49.63	ng		98
70) Phenanthrene	11.51	178	1116151	36.97	ng		99
71) Anthracene	11.57	178	1299698	40.56	ng		100
72) Carbazole	11.72	167	999183	35.56	ng		99
73) Di-n-butylphthalate	12.05	149	1410215	39.70	ng		99
74) Fluoranthene	12.70	202	1138997	37.60	ng		98
76) Benzidine	12.81	184	450392	34.39	ng		98
77) Pyrene	12.93	202	1130972	34.15	ng		99
79) Butylbenzylphthalate	13.55	149	593564	39.50	ng	#	76
80) Benzo(a)anthracene	14.12	228	928843	35.26	ng		99
81) 3,3'-Dichlorobenzidine	14.07	252	310946	37.42	ng	#	98
82) Chrysene	14.15	228	865997	35.59	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	731303	36.98	ng	#	95
84) Di-n-octyl phthalate	14.71	149	1120705	37.21	ng		98
85) Indeno(1,2,3-cd)pyrene	17.05	276	799651	42.11	ng		98
87) Benzo(b)fluoranthene	15.16	252	900854	41.69	ng		100
88) Benzo(k)fluoranthene	15.19	252	604155m	34.66	ng		
89) Benzo(a)pyrene	15.52	252	727435	40.62	ng	#	94
90) Dibenzo(a,h)anthracene	17.08	278	670165	43.84	ng		96
91) Benzo(g,h,i)perylene	17.50	276	671128	43.66	ng		99

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

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