Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084901.D
Acq On : 6 Feb 2016 10:22
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
2/8/2016 3:03:37 PM

Quant Time: Feb 08 01:08:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	176243	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	728032	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	320794	20.00	ng		-0.03
63) Phenanthrene-d10	11.17	188	525863	20.00	ng		-0.03
75) Chrysene-d12	13.80	240	321618	20.00	ng		-0.03
86) Perylene-d12	15.17	264	347539	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	850904	75.20	ng		-0.03
7) Phenol-d6	6.32	99	1051027	74.93	ng		-0.02
23) Nitrobenzene-d5	7.24	82	1061637	82.15	ng		-0.02
41) 2,4,6-Tribromophenol	10.49	330	234431	70.06	ng		-0.03
44) 2-Fluorobiphenyl	9.04	172	1781346	98.96	ng		-0.02
78) Terphenyl-d14	12.76	244	1190686	83.89	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.13	88	191747m	38.69	ng		
3) Pyridine	2.78	79	493735	38.23	ng	#	73
4) n-Nitrosodimethylamine	2.74	42	260491	39.00	ng		82
6) Aniline	6.33	93	698484	40.69	ng	#	79
8) 2-Chlorophenol	6.45	128	507952	39.66	ng		90
9) Benzaldehyde	6.20	77	313998	37.91	ng		95
10) Phenol	6.33	94	538883	34.29	ng	#	50
11) bis(2-Chloroethyl)ether	6.41	93	498774	40.70	ng		85
12) 1,3-Dichlorobenzene	6.60	146	564361	41.71	ng		97
13) 1,4-Dichlorobenzene	6.68	146	577867	42.72	ng		94
14) 1,2-Dichlorobenzene	6.83	146	455535	36.16	ng		96
15) Benzyl Alcohol	6.82	79	377149	38.94	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.96	45	809627	39.28	ng		89
17) 2-Methylphenol	6.94	107	415811	41.05	ng	#	91
18) Hexachloroethane	7.17	117	210304	40.37	ng		97
19) n-Nitroso-di-n-propylamine	7.09	70	324832	36.94	ng	#	75
20) 3+4-Methylphenols	7.09	107	496756	39.51	ng	#	74
22) Acetophenone	7.08	105	712275	37.12	ng	#	99
24) Nitrobenzene	7.25	77	470588	34.00	ng		94
25) Isophorone	7.50	82	943541	37.55	ng		95
26) 2-Nitrophenol	7.57	139	286732	42.01	ng	#	90
27) 2,4-Dimethylphenol	7.62	122	434569	36.60	ng		95
28) bis(2-Chloroethoxy)methane	7.71	93	528487	35.45	ng		100
29) 2,4-Dichlorophenol	7.82	162	384708	37.87	ng		91
30) 1,2,4-Trichlorobenzene	7.89	180	413186	36.01	ng		96
31) Naphthalene	7.97	128	1379496	37.78	ng		99
32) Benzoic acid	7.77	122	251755	33.15	ng		94
33) 4-Chloroaniline	8.03	127	549440	36.38	ng		98
34) Hexachlorobutadiene	8.10	225	251201	37.97	ng		97
35) Caprolactam	8.42	113	116614	37.24	ng	#	51
36) 4-Chloro-3-methylphenol	8.52	107	400742	34.58	ng		95
37) 2-Methylnaphthalene	8.66	142	805264	35.23	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	406165	39.87	ng		99
40) Hexachlorocyclopentadiene	8.82	237	93270	28.73	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	241741	36.83	ng		96
43) 2,4,5-Trichlorophenol	8.99	196	256967	38.53	ng	#	88
45) 1,1'-Biphenyl	9.13	154	1041805	36.36	ng		100
46) 2-Chloronaphthalene	9.15	162	813556	38.56	ng		94
47) 2-Nitroaniline	9.25	65	260396	38.97	ng		94
48) Acenaphthylene	9.56	152	1210314	37.80	ng		97
49) Dimethylphthalate	9.44	163	905703	37.07	ng	#	90
50) 2,6-Dinitrotoluene	9.50	165	208441	39.05	ng	#	83
51) Acenaphthene	9.73	154	749734	35.99	ng		97
52) 3-Nitroaniline	9.66	138	209423	34.92	ng		92
53) 2,4-Dinitrophenol	9.78	184	44171	22.43	ng		86
54) Dibenzofuran	9.90	168	938285	36.85	ng		94
55) 4-Nitrophenol	9.85	139	148262	33.63	ng		88
56) 2,4-Dinitrotoluene	9.90	165	276070	40.55	ng		90
57) Fluorene	10.25	166	820970	38.61	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	203709	40.12	ng		89
59) Diethylphthalate	10.13	149	887046	37.18	ng		100
60) 4-Chlorophenyl-phenylether	10.25	204	404056	45.28	ng		88
61) 4-Nitroaniline	10.28	138	237460	40.63	ng	#	80
62) Azobenzene	10.40	77	850088	37.06	ng		85
64) 4,6-Dinitro-2-methylphenol	10.30	198	86759	26.73	ng	#	63
65) n-Nitrosodiphenylamine	10.36	169	663702	39.75	ng		98
66) 4-Bromophenyl-phenylether	10.73	248	233722	40.24	ng	#	79
67) Hexachlorobenzene	10.80	284	262476	41.47	ng	#	89
68) Atrazine	10.90	200	242978	46.08	ng		98
69) Pentachlorophenol	10.99	266	122941	41.33	ng		98
70) Phenanthrene	11.20	178	1115617	38.25	ng		99
71) Anthracene	11.25	178	1151201	39.17	ng		99
72) Carbazole	11.41	167	976177	38.09	ng		99
73) Di-n-butylphthalate	11.76	149	1413170	43.31	ng	#	98
74) Fluoranthene	12.39	202	1054604	35.73	ng		97
76) Benzidine	12.51	184	504275	45.44	ng		99
77) Pyrene	12.61	202	1046529	42.50	ng		100
79) Butylbenzylphthalate	13.24	149	487479	43.64	ng		97
80) Benzo(a)anthracene	13.79	228	832421	41.70	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	327311	46.31	ng	#	98
82) Chrysene	13.84	228	821372	42.43	ng		100
83) Bis(2-ethylhexyl)phthalate	13.80	149	607324	43.69	ng		99
84) Di-n-octyl phthalate	14.42	149	1043200	45.49	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.45	276	799775	52.49	ng		99
87) Benzo(b)fluoranthene	14.80	252	1018650m	43.62	ng		
88) Benzo(k)fluoranthene	14.83	252	533850m	27.65	ng		
89) Benzo(a)pyrene	15.12	252	762037	38.30	ng	#	96
90) Dibenzo(a,h)anthracene	16.47	278	670702	40.05	ng		98
91) Benzo(g,h,i)perylene	16.83	276	657543	38.97	ng		100

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

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