Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084723.D
Acq On : 1 Feb 2016 21:45
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
2/2/2016 4:18:15 PM

Quant Time: Feb 02 01:15:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	171982	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	694833	20.00	ng		-0.02
38) Acenaphthene-d10	9.76	164	345422	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	625831	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	446733	20.00	ng		-0.01
86) Perylene-d12	15.24	264	387440	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	869568	78.75	ng		-0.01
7) Phenol-d6	6.36	99	1023433	74.77	ng		-0.01
23) Nitrobenzene-d5	7.29	82	1017729	82.51	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	300152	83.31	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	1697231	81.64	ng		-0.01
78) Terphenyl-d14	12.82	244	1688410	85.64	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	185882	38.43	ng	#	76
3) Pyridine	2.89	79	487360	38.68	ng	#	78
4) n-Nitrosodimethylamine	2.83	42	253747	38.93	ng		80
6) Aniline	6.37	93	655841	39.16	ng	#	66
8) 2-Chlorophenol	6.50	128	513576	41.09	ng		98
9) Benzaldehyde	6.26	77	329274	40.74	ng		92
10) Phenol	6.37	94	559805	36.51	ng	#	67
11) bis(2-Chloroethyl)ether	6.45	93	447805m	37.45	ng		
12) 1,3-Dichlorobenzene	6.65	146	501766m	38.00	ng		
13) 1,4-Dichlorobenzene	6.73	146	512310	38.81	ng		96
14) 1,2-Dichlorobenzene	6.89	146	484290	39.39	ng		95
15) Benzyl Alcohol	6.86	79	365868	38.71	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.00	45	755547	37.56	ng		86
17) 2-Methylphenol	6.99	107	396670	40.13	ng	#	92
18) Hexachloroethane	7.22	117	200094	39.36	ng	#	88
19) n-Nitroso-di-n-propylamine	7.14	70	326594	38.06	ng	#	75
20) 3+4-Methylphenols	7.14	107	452296	36.87	ng	#	70
22) Acetophenone	7.13	105	694848	37.94	ng	#	97
24) Nitrobenzene	7.30	77	463490	35.09	ng		94
25) Isophorone	7.55	82	958479	39.96	ng		96
26) 2-Nitrophenol	7.62	139	262615	40.31	ng	#	87
27) 2,4-Dimethylphenol	7.66	122	408956	36.09	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	529654	37.22	ng		100
29) 2,4-Dichlorophenol	7.87	162	388356	40.06	ng		92
30) 1,2,4-Trichlorobenzene	7.94	180	414571	37.86	ng		95
31) Naphthalene	8.02	128	1250969	35.89	ng		99
32) Benzoic acid	7.80	122	326458	45.04	ng		95
33) 4-Chloroaniline	8.08	127	537948	37.32	ng		98
34) Hexachlorobutadiene	8.14	225	260434	41.25	ng		99
35) Caprolactam	8.46	113	134747	45.09	ng	#	86
36) 4-Chloro-3-methylphenol	8.57	107	408672	36.95	ng		92
37) 2-Methylnaphthalene	8.72	142	921778	42.26	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	384765	35.07	ng		99
40) Hexachlorocyclopentadiene	8.86	237	168319	43.12	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	270852	38.32	ng		94
43) 2,4,5-Trichlorophenol	9.04	196	270262	37.63	ng	#	84
45) 1,1'-Biphenyl	9.18	154	1175934	38.11	ng		95
46) 2-Chloronaphthalene	9.20	162	843811	37.14	ng		97
47) 2-Nitroaniline	9.30	65	246373	34.25	ng		98
48) Acenaphthylene	9.62	152	1346574	39.05	ng		99
49) Dimethylphthalate	9.49	163	1037185	39.42	ng	#	91
50) 2,6-Dinitrotoluene	9.55	165	241172	41.96	ng	#	87
51) Acenaphthene	9.79	154	877451	39.12	ng		97
52) 3-Nitroaniline	9.71	138	236165	36.57	ng		97
53) 2,4-Dinitrophenol	9.82	184	115676	46.25	ng		87
54) Dibenzofuran	9.96	168	1083260	39.51	ng		97
55) 4-Nitrophenol	9.89	139	184425	38.86	ng		86
56) 2,4-Dinitrotoluene	9.95	165	308170	42.04	ng		95
57) Fluorene	10.29	166	868991	37.96	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	213871	39.12	ng		90
59) Diethylphthalate	10.18	149	957452	37.27	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	412052	42.42	ng		96
61) 4-Nitroaniline	10.33	138	248664	39.51	ng		92
62) Azobenzene	10.45	77	984502	39.85	ng		91
64) 4,6-Dinitro-2-methylphenol	10.36	198	168635	43.66	ng		73
65) n-Nitrosodiphenylamine	10.42	169	832508	41.89	ng		98
66) 4-Bromophenyl-phenylether	10.78	248	295403	42.74	ng		97
67) Hexachlorobenzene	10.84	284	278155	36.93	ng	#	84
68) Atrazine	10.94	200	222011	35.38	ng		98
69) Pentachlorophenol	11.05	266	143126	40.43	ng		100
70) Phenanthrene	11.25	178	1265439	36.46	ng		98
71) Anthracene	11.31	178	1449872	41.45	ng		99
72) Carbazole	11.47	167	1256241	41.19	ng		97
73) Di-n-butylphthalate	11.80	149	1414486	36.43	ng	#	96
74) Fluoranthene	12.44	202	1473829	41.95	ng		94
76) Benzidine	12.57	184	638174	40.71	ng		97
77) Pyrene	12.67	202	1475640	43.14	ng		99
79) Butylbenzylphthalate	13.30	149	683372	44.04	ng	#	89
80) Benzo(a)anthracene	13.85	228	1100700	39.70	ng		98
81) 3,3'-Dichlorobenzidine	13.83	252	448884	45.72	ng		96
82) Chrysene	13.89	228	1187301	44.16	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	858380	44.45	ng	#	96
84) Di-n-octyl phthalate	14.47	149	1328083	41.69	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.55	276	889901	42.05	ng		98
87) Benzo(b)fluoranthene	14.87	252	1100070m	42.26	ng		
88) Benzo(k)fluoranthene	14.89	252	767569m	35.66	ng		
89) Benzo(a)pyrene	15.19	252	838817	37.82	ng	#	96
90) Dibenzo(a,h)anthracene	16.56	278	725285	38.84	ng		98
91) Benzo(g,h,i)perylene	16.95	276	727106	38.66	ng		96

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

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