Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
Data File : BF092736.D
Acq On : 2 Feb 2017 15:27
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/3/2017 1:22:20 PM

Quant Time: Feb 03 00:04:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	178504	20.00	ng		-0.03
21) Naphthalene-d8	8.22	136	638727	20.00	ng		-0.03
38) Acenaphthene-d10	9.98	164	370955	20.00	ng		-0.02
63) Phenanthrene-d10	11.47	188	592312	20.00	ng		-0.02
75) Chrysene-d12	14.11	240	453189	20.00	ng		-0.03
86) Perylene-d12	15.56	264	419337	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	872094	83.82	ng		-0.03
7) Phenol-d6	6.58	99	1110838	82.98	ng		-0.02
23) Nitrobenzene-d5	7.50	82	1055694	92.04	ng		-0.03
41) 2,4,6-Tribromophenol	10.77	330	218524	81.45	ng		-0.03
44) 2-Fluorobiphenyl	9.30	172	1562291	76.30	ng		-0.03
78) Terphenyl-d14	13.05	244	1469641	76.20	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	246533	43.85	ng		86
3) Pyridine	3.31	79	668066	46.73	ng		86
4) n-Nitrosodimethylamine	3.28	42	314986	46.92	ng		84
6) Aniline	6.60	93	813438	44.54	ng	#	47
8) 2-Chlorophenol	6.73	128	483485	42.12	ng		92
9) Benzaldehyde	6.48	77	396147	41.30	ng		87
10) Phenol	6.59	94	649532	41.47	ng		97
11) bis(2-Chloroethyl)ether	6.67	93	502344	40.18	ng		90
12) 1,3-Dichlorobenzene	6.88	146	556791m	41.41	ng		
13) 1,4-Dichlorobenzene	6.96	146	579322	42.57	ng		95
14) 1,2-Dichlorobenzene	7.10	146	492113	37.82	ng		96
15) Benzyl Alcohol	7.08	79	402139	40.57	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	992893	45.71	ng		94
17) 2-Methylphenol	7.20	107	422863	42.94	ng		97
18) Hexachloroethane	7.45	117	187988	40.47	ng	#	87
19) n-Nitroso-di-n-propylamine	7.36	70	348420	40.88	ng		95
20) 3+4-Methylphenols	7.36	107	476214	40.45	ng		91
22) Acetophenone	7.36	105	677600	46.46	ng	#	92
24) Nitrobenzene	7.53	77	617002	52.39	ng		97
25) Isophorone	7.77	82	1057138	49.46	ng		97
26) 2-Nitrophenol	7.85	139	237990	42.51	ng	#	77
27) 2,4-Dimethylphenol	7.88	122	369710	37.60	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	531672	37.56	ng		99
29) 2,4-Dichlorophenol	8.09	162	370632	40.42	ng		92
30) 1,2,4-Trichlorobenzene	8.17	180	391226	39.59	ng		95
31) Naphthalene	8.25	128	1198979	37.03	ng		99
32) Benzoic acid	8.01	122	224687	41.48	ng		96
33) 4-Chloroaniline	8.30	127	540559	42.57	ng	#	93
34) Hexachlorobutadiene	8.36	225	202755	37.29	ng		99
35) Caprolactam	8.68	113	131526	45.60	ng	#	66
36) 4-Chloro-3-methylphenol	8.78	107	363364	38.01	ng		97
37) 2-Methylnaphthalene	8.94	142	853411	41.05	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	386470	37.11	ng		99
40) Hexachlorocyclopentadiene	9.09	237	180166	38.35	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	260285	38.04	ng		92
43) 2,4,5-Trichlorophenol	9.26	196	293479	39.15	ng	#	88
45) 1,1'-Biphenyl	9.40	154	949993	35.37	ng		97
46) 2-Chloronaphthalene	9.42	162	795456	37.86	ng		94
47) 2-Nitroaniline	9.53	65	268758	38.04	ng		96
48) Acenaphthylene	9.85	152	1419522	39.11	ng		99
49) Dimethylphthalate	9.71	163	996017	39.86	ng		100
50) 2,6-Dinitrotoluene	9.77	165	202091	37.45	ng	#	82
51) Acenaphthene	10.02	154	865661	39.89	ng		96
52) 3-Nitroaniline	9.94	138	219472	35.54	ng		99
53) 2,4-Dinitrophenol	10.04	184	111263	42.87	ng	#	77
54) Dibenzofuran	10.19	168	1134107	39.07	ng		91
55) 4-Nitrophenol	10.11	139	201973	45.41	ng	#	73
56) 2,4-Dinitrotoluene	10.17	165	254982	35.49	ng		98
57) Fluorene	10.53	166	918091	41.11	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.30	232	203535	40.70	ng		98
59) Diethylphthalate	10.40	149	918278	39.00	ng		100
60) 4-Chlorophenyl-phenylether	10.52	204	426176	39.72	ng	#	83
61) 4-Nitroaniline	10.56	138	258341	40.84	ng		91
62) Azobenzene	10.68	77	973249	40.01	ng		93
64) 4,6-Dinitro-2-methylphenol	10.58	198	153785	42.95	ng	#	74
65) n-Nitrosodiphenylamine	10.64	169	750923	39.69	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	256358	41.43	ng	#	81
67) Hexachlorobenzene	11.07	284	242076	39.59	ng	#	76
68) Atrazine	11.17	200	253123	41.69	ng		89
69) Pentachlorophenol	11.28	266	131013	44.97	ng		98
70) Phenanthrene	11.49	178	1391731	41.01	ng		98
71) Anthracene	11.54	178	1248045	36.62	ng		99
72) Carbazole	11.70	167	1241987	38.13	ng		99
73) Di-n-butylphthalate	12.02	149	1390606	39.47	ng		98
74) Fluoranthene	12.68	202	1423802	40.68	ng		91
76) Benzidine	12.80	184	685301	35.49	ng		99
77) Pyrene	12.91	202	1437904	42.40	ng		99
79) Butylbenzylphthalate	13.52	149	562705	40.86	ng		97
80) Benzo(a)anthracene	14.09	228	1148438	41.43	ng		99
81) 3,3'-Dichlorobenzidine	14.05	252	389161	39.39	ng		97
82) Chrysene	14.13	228	1125787	43.38	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	801331	42.54	ng	#	98
84) Di-n-octyl phthalate	14.69	149	1399478	45.63	ng		100
85) Indeno(1,2,3-cd)pyrene	17.03	276	923611	45.95	ng		95
87) Benzo(b)fluoranthene	15.14	252	1039257	37.65	ng		99
88) Benzo(k)fluoranthene	15.17	252	1011305m	42.44	ng		
89) Benzo(a)pyrene	15.51	252	959922	40.21	ng		98
90) Dibenzo(a,h)anthracene	17.04	278	787224	40.80	ng	#	95
91) Benzo(g,h,i)perylene	17.47	276	772230	39.62	ng		94

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

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