Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090671.D
Acq On : 20 Oct 2016 2:59
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/20/2016 10:37:05 AM

Quant Time: Oct 20 06:41:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 15:13:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	201059	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	877926	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	430714	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	617168	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	446268	20.00	ng		-0.01
86) Perylene-d12	15.50	264	383365	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	992023	90.45	ng		-0.01
7) Phenol-d6	6.52	99	1398798	85.83	ng		-0.01
23) Nitrobenzene-d5	7.46	82	1322100	83.66	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	249034	64.85	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1931027	73.87	ng		-0.01
78) Terphenyl-d14	13.00	244	1577103	82.28	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	261916	41.90	ng		99
3) Pyridine	3.22	79	633366	45.21	ng		95
4) n-Nitrosodimethylamine	3.17	42	240580	47.98	ng		96
6) Aniline	6.55	93	838433	42.57	ng		88
8) 2-Chlorophenol	6.67	128	581455	40.89	ng		99
9) Benzaldehyde	6.43	77	382218	36.89	ng		89
10) Phenol	6.54	94	757074	40.62	ng	#	75
11) bis(2-Chloroethyl)ether	6.62	93	632052	41.10	ng		97
12) 1,3-Dichlorobenzene	6.83	146	600844	42.37	ng		100
13) 1,4-Dichlorobenzene	6.91	146	600849	38.95	ng		99
14) 1,2-Dichlorobenzene	7.06	146	595127	41.27	ng		98
15) Benzyl Alcohol	7.03	79	529567	47.71	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	996427	46.04	ng		94
17) 2-Methylphenol	7.15	107	486081	43.86	ng		98
18) Hexachloroethane	7.40	117	241224	39.57	ng		95
19) n-Nitroso-di-n-propylamine	7.31	70	512785	45.89	ng	#	93
20) 3+4-Methylphenols	7.30	107	563567	41.95	ng		93
22) Acetophenone	7.30	105	758507	39.11	ng	#	97
24) Nitrobenzene	7.47	77	671349	41.39	ng		98
25) Isophorone	7.71	82	1165024	40.50	ng		99
26) 2-Nitrophenol	7.79	139	268209	36.45	ng		97
27) 2,4-Dimethylphenol	7.83	122	512585	41.98	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	699475	41.18	ng		100
29) 2,4-Dichlorophenol	8.04	162	395101	36.94	ng		96
30) 1,2,4-Trichlorobenzene	8.12	180	492461	39.31	ng		99
31) Naphthalene	8.20	128	1726983	38.62	ng		100
32) Benzoic acid	7.94	122	158375	21.12	ng		99
33) 4-Chloroaniline	8.25	127	672607	39.35	ng		100
34) Hexachlorobutadiene	8.31	225	260668	37.24	ng		99
35) Caprolactam	8.62	113	131793	44.15	ng		97
36) 4-Chloro-3-methylphenol	8.73	107	464445	37.64	ng		99
37) 2-Methylnaphthalene	8.89	142	989230	37.66	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	479094	41.95	ng		99
40) Hexachlorocyclopentadiene	9.05	237	115538	20.71	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	285425	44.31	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	263338	34.27	ng		93
45) 1,1'-Biphenyl	9.35	154	1367812	41.73	ng		100
46) 2-Chloronaphthalene	9.38	162	983983	40.26	ng		99
47) 2-Nitroaniline	9.48	65	385964	43.56	ng		91
48) Acenaphthylene	9.79	152	1519269	39.04	ng		100
49) Dimethylphthalate	9.65	163	1089356	38.98	ng		100
50) 2,6-Dinitrotoluene	9.72	165	261923	42.83	ng		94
51) Acenaphthene	9.97	154	979654	37.87	ng		100
52) 3-Nitroaniline	9.89	138	308443	40.20	ng		93
53) 2,4-Dinitrophenol	9.99	184	23640	12.29	ng	#	67
54) Dibenzofuran	10.14	168	1286086	37.80	ng		97
55) 4-Nitrophenol	10.05	139	114575	24.81	ng		96
56) 2,4-Dinitrotoluene	10.12	165	325623	39.20	ng		94
57) Fluorene	10.49	166	1076935	38.37	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	210627	32.91	ng		98
59) Diethylphthalate	10.35	149	1124160	39.66	ng		99
60) 4-Chlorophenyl-phenylether	10.47	204	536723	40.57	ng		100
61) 4-Nitroaniline	10.51	138	284768	37.01	ng		97
62) Azobenzene	10.63	77	1412079	43.07	ng		98
64) 4,6-Dinitro-2-methylphenol	10.53	198	45410	12.16	ng		86
65) n-Nitrosodiphenylamine	10.59	169	843991	41.40	ng		98
66) 4-Bromophenyl-phenylether	10.97	248	259733	39.22	ng		99
67) Hexachlorobenzene	11.03	284	291084	40.49	ng	#	61
68) Atrazine	11.11	200	213508	37.87	ng		99
69) Pentachlorophenol	11.22	266	96096	26.97	ng		96
70) Phenanthrene	11.45	178	1388797	42.15	ng		100
71) Anthracene	11.49	178	1399434	39.47	ng		99
72) Carbazole	11.65	167	1274450	40.15	ng		99
73) Di-n-butylphthalate	11.98	149	1755475	47.21	ng		99
74) Fluoranthene	12.62	202	1191260	35.95	ng		90
76) Benzidine	12.76	184	298474	26.88	ng		98
77) Pyrene	12.85	202	1199402	40.58	ng		100
79) Butylbenzylphthalate	13.48	149	661461	50.51	ng		96
80) Benzo(a)anthracene	14.05	228	1026400	40.40	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	322732	37.18	ng	#	95
82) Chrysene	14.09	228	1109837	45.34	ng		100
83) Bis(2-ethylhexyl)phthalate	14.04	149	949557	53.75	ng		100
84) Di-n-octyl phthalate	14.65	149	1309715	55.29	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.94	276	885338	62.55	ng		98
87) Benzo(b)fluoranthene	15.09	252	1019625	40.64	ng	#	95
88) Benzo(k)fluoranthene	15.12	252	892856m	33.08	ng		
89) Benzo(a)pyrene	15.45	252	901193	39.24	ng		98
90) Dibenzo(a,h)anthracene	16.96	278	785055	44.82	ng		99
91) Benzo(g,h,i)perylene	17.37	276	676173	40.49	ng		95

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

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