Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090678.D
Acq On : 20 Oct 2016 12:57
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
10/21/2016 6:58:07 PM

Quant Time: Oct 20 18:11:43 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	250892	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1082410	20.00	ng		-0.01
38) Acenaphthene-d10	9.93	164	574924	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	884043	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	698797	20.00	ng		-0.01
86) Perylene-d12	15.50	264	425163	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1224491	89.47	ng		-0.01
7) Phenol-d6	6.52	99	1753104	86.21	ng		-0.01
23) Nitrobenzene-d5	7.46	82	1704681	87.49	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	399088	77.86	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	2696932	77.29	ng		-0.01
78) Terphenyl-d14	13.00	244	2333326	77.75	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	327390	41.97	ng		99
3) Pyridine	3.23	79	845057	48.34	ng		96
4) n-Nitrosodimethylamine	3.18	42	326492	51.55	ng		97
6) Aniline	6.54	93	1023589	41.65	ng	#	86
8) 2-Chlorophenol	6.67	128	779092	43.90	ng		91
9) Benzaldehyde	6.43	77	486496	37.63	ng		97
10) Phenol	6.53	94	889375	38.24	ng		90
11) bis(2-Chloroethyl)ether	6.62	93	828204	43.16	ng		97
12) 1,3-Dichlorobenzene	6.82	146	721192m	40.75	ng		
13) 1,4-Dichlorobenzene	6.90	146	781453	40.60	ng		96
14) 1,2-Dichlorobenzene	7.06	146	786881	43.73	ng		97
15) Benzyl Alcohol	7.02	79	654943	47.28	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1195533	44.27	ng		92
17) 2-Methylphenol	7.15	107	630487	45.59	ng		98
18) Hexachloroethane	7.40	117	323517	42.53	ng	#	86
19) n-Nitroso-di-n-propylamine	7.31	70	656036	47.05	ng	#	89
20) 3+4-Methylphenols	7.30	107	691774	41.26	ng		93
22) Acetophenone	7.30	105	981065	41.03	ng	#	94
24) Nitrobenzene	7.47	77	872908	43.65	ng		96
25) Isophorone	7.71	82	1541333	43.46	ng		99
26) 2-Nitrophenol	7.79	139	420157	46.31	ng	#	87
27) 2,4-Dimethylphenol	7.82	122	631131	41.92	ng		96
28) bis(2-Chloroethoxy)methane	7.93	93	901943	43.07	ng		99
29) 2,4-Dichlorophenol	8.03	162	556484	42.20	ng		94
30) 1,2,4-Trichlorobenzene	8.11	180	606940	39.30	ng		96
31) Naphthalene	8.19	128	1989275	36.08	ng		98
32) Benzoic acid	7.97	122	496290	53.67	ng		96
33) 4-Chloroaniline	8.25	127	828332	39.31	ng		94
34) Hexachlorobutadiene	8.31	225	369433	42.81	ng		99
35) Caprolactam	8.62	113	179185	48.69	ng	#	87
36) 4-Chloro-3-methylphenol	8.73	107	633587	41.64	ng		95
37) 2-Methylnaphthalene	8.89	142	1427085	44.07	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	587062	38.51	ng		100
40) Hexachlorocyclopentadiene	9.03	237	285203	38.30	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	387740	45.09	ng		96
43) 2,4,5-Trichlorophenol	9.21	196	429512	41.87	ng		92
45) 1,1'-Biphenyl	9.35	154	1785586	40.81	ng		97
46) 2-Chloronaphthalene	9.38	162	1377903	42.24	ng		95
47) 2-Nitroaniline	9.47	65	488186	41.28	ng		85
48) Acenaphthylene	9.79	152	1910857	36.79	ng		99
49) Dimethylphthalate	9.65	163	1385568	37.14	ng		99
50) 2,6-Dinitrotoluene	9.72	165	334171	40.94	ng	#	84
51) Acenaphthene	9.96	154	1288026	37.31	ng		99
52) 3-Nitroaniline	9.89	138	365399	35.68	ng		88
53) 2,4-Dinitrophenol	9.99	184	179200	43.25	ng	#	67
54) Dibenzofuran	10.13	168	1657083	36.49	ng		91
55) 4-Nitrophenol	10.05	139	250308	40.61	ng		89
56) 2,4-Dinitrotoluene	10.12	165	468545	42.26	ng		97
57) Fluorene	10.47	166	1342344	35.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	324441m	37.98	ng		
59) Diethylphthalate	10.35	149	1468612	38.82	ng		97
60) 4-Chlorophenyl-phenylether	10.46	204	617704	34.98	ng	#	79
61) 4-Nitroaniline	10.51	138	387635	37.74	ng		96
62) Azobenzene	10.62	77	1736304	39.68	ng		90
64) 4,6-Dinitro-2-methylphenol	10.53	198	258276	48.27	ng		92
65) n-Nitrosodiphenylamine	10.59	169	1160561	39.74	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	346856	36.57	ng	#	76
67) Hexachlorobenzene	11.02	284	406248	39.45	ng		90
68) Atrazine	11.11	200	301992	37.39	ng		99
69) Pentachlorophenol	11.22	266	241900	47.39	ng		97
70) Phenanthrene	11.43	178	1775659	37.63	ng		98
71) Anthracene	11.49	178	2070701	40.77	ng		98
72) Carbazole	11.64	167	1749802	38.49	ng		97
73) Di-n-butylphthalate	11.97	149	2132122	40.03	ng	#	97
74) Fluoranthene	12.62	202	1754887	36.97	ng		94
76) Benzidine	12.75	184	519886	29.90	ng		96
77) Pyrene	12.85	202	1780426	38.47	ng		99
79) Butylbenzylphthalate	13.47	149	888132	43.31	ng	#	79
80) Benzo(a)anthracene	14.04	228	1572383	39.53	ng		100
81) 3,3'-Dichlorobenzidine	14.01	252	554986	40.84	ng	#	97
82) Chrysene	14.09	228	1642116	42.84	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	1235665	44.67	ng	#	95
84) Di-n-octyl phthalate	14.65	149	1763534	47.55	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.93	276	974741	43.98	ng		98
87) Benzo(b)fluoranthene	15.08	252	1061732	38.16	ng		99
88) Benzo(k)fluoranthene	15.12	252	1248630m	41.71	ng		
89) Benzo(a)pyrene	15.44	252	1007776	39.57	ng		97
90) Dibenzo(a,h)anthracene	16.94	278	846846	43.60	ng		98
91) Benzo(g,h,i)perylene	17.36	276	791277	42.72	ng		96

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

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