Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090078.D
Acq On : 15 Sep 2016 4:34
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
sohil
9/15/2016 12:51:55 PM

Quant Time: Sep 15 07:05:35 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 04:11:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	167263m	20.00	ng		0.01
21) Naphthalene-d8	7.84	136	685117	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	330605	20.00	ng		0.00
63) Phenanthrene-d10	11.05	188	606663	20.00	ng		0.00
75) Chrysene-d12	13.67	240	376755	20.00	ng		0.00
86) Perylene-d12	14.99	264	369395	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	1193803	114.09	ng		0.00
7) Phenol-d6	6.22	99	1503905	110.02	ng		0.01
23) Nitrobenzene-d5	7.13	82	1486364	122.41	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	349427	103.45	ng		0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.64	244	1676599	110.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	340007	65.13	ng		99
3) Pyridine	2.59	79	886951	67.24	ng		97
4) n-Nitrosodimethylamine	2.58	42	286505	71.33	ng		99
6) Aniline	6.23	93	1004420m	59.10	ng		
8) 2-Chlorophenol	6.34	128	676496	56.43	ng		91
9) Benzaldehyde	6.09	77	385023	53.14	ng		98
10) Phenol	6.23	94	829434	52.19	ng		89
11) bis(2-Chloroethyl)ether	6.31	93	670327	54.90	ng		95
12) 1,3-Dichlorobenzene	6.49	146	679058m	54.92	ng		
13) 1,4-Dichlorobenzene	6.57	146	686959m	54.17	ng		
14) 1,2-Dichlorobenzene	6.73	146	649963	55.70	ng	#	94
15) Benzyl Alcohol	6.72	79	456505	58.98	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.86	45	818299	55.70	ng		98
17) 2-Methylphenol	6.83	107	589827	60.31	ng		98
18) Hexachloroethane	7.07	117	266916	57.56	ng	#	78
19) n-Nitroso-di-n-propylamine	7.00	70	481435	57.03	ng		98
20) 3+4-Methylphenols	7.00	107	703991	59.82	ng		97
22) Acetophenone	6.98	105	930324	56.11	ng	#	96
24) Nitrobenzene	7.15	77	705761	54.98	ng		95
25) Isophorone	7.40	82	1506881	59.27	ng		99
26) 2-Nitrophenol	7.46	139	380438	61.50	ng		95
27) 2,4-Dimethylphenol	7.52	122	636367	58.33	ng		98
28) bis(2-Chloroethoxy)methane	7.62	93	901314	60.84	ng		99
29) 2,4-Dichlorophenol	7.71	162	546771	56.54	ng		92
30) 1,2,4-Trichlorobenzene	7.79	180	553261	58.15	ng		96
31) Naphthalene	7.86	128	1875228	55.65	ng		100
32) Benzoic acid	7.70	122	535119	63.57	ng		95
33) 4-Chloroaniline	7.93	127	845249	59.46	ng	#	92
34) Hexachlorobutadiene	7.99	225	260282	53.69	ng		98
35) Caprolactam	8.33	113	198313m	60.32	ng		
36) 4-Chloro-3-methylphenol	8.42	107	606141	53.66	ng		98
37) 2-Methylnaphthalene	8.56	142	1210025	58.12	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	458697	53.62	ng		97
40) Hexachlorocyclopentadiene	8.71	237	271369	61.14	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	369476	58.54	ng		99
43) 2,4,5-Trichlorophenol	8.88	196	370560	54.78	ng	#	88
45) 1,1'-Biphenyl	9.03	154	1506101	54.31	ng		97
46) 2-Chloronaphthalene	9.04	162	1056818	54.17	ng		98
47) 2-Nitroaniline	9.14	65	354396	55.28	ng		85
48) Acenaphthylene	9.45	152	1596835	47.33	ng		99
49) Dimethylphthalate	9.35	163	1460266	59.34	ng		99
50) 2,6-Dinitrotoluene	9.39	165	278906	50.83	ng		93
51) Acenaphthene	9.62	154	932392	46.23	ng		99
52) 3-Nitroaniline	9.56	138	416771	62.51	ng		97
53) 2,4-Dinitrophenol	9.67	184	209033	80.31	ng	#	86
54) Dibenzofuran	9.79	168	1236186	46.87	ng		94
55) 4-Nitrophenol	9.74	139	311638	47.65	ng		98
56) 2,4-Dinitrotoluene	9.79	165	341249	50.84	ng		98
57) Fluorene	10.14	166	1048962	50.83	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.92	232	300301	58.77	ng		98
59) Diethylphthalate	10.03	149	1269331	53.44	ng		99
60) 4-Chlorophenyl-phenylether	10.14	204	431701	49.14	ng	#	84
61) 4-Nitroaniline	10.18	138	405995	59.49	ng		91
62) Azobenzene	10.30	77	1422148	56.37	ng		88
64) 4,6-Dinitro-2-methylphenol	10.20	198	262562	66.94	ng		98
65) n-Nitrosodiphenylamine	10.26	169	1130248	58.30	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	314227	53.94	ng	#	84
67) Hexachlorobenzene	10.67	284	348707	51.04	ng	#	87
68) Atrazine	10.79	200	306703	54.58	ng		96
69) Pentachlorophenol	10.87	266	241904	59.40	ng		100
70) Phenanthrene	11.09	178	1629534	55.34	ng		99
71) Anthracene	11.13	178	1619634	52.53	ng		99
72) Carbazole	11.29	167	1665345	50.82	ng		98
73) Di-n-butylphthalate	11.65	149	2060164	56.98	ng	#	97
74) Fluoranthene	12.25	202	1683999	55.31	ng		98
76) Benzidine	12.39	184	903465	58.23	ng		97
77) Pyrene	12.48	202	1516746	57.47	ng		98
79) Butylbenzylphthalate	13.12	149	889229	66.82	ng		87
80) Benzo(a)anthracene	13.66	228	1321370	62.12	ng		99
81) 3,3'-Dichlorobenzidine	13.63	252	522141	58.24	ng	#	98
82) Chrysene	13.70	228	1292385	62.20	ng		100
83) Bis(2-ethylhexyl)phthalate	13.68	149	985324	59.88	ng		99
84) Di-n-octyl phthalate	14.29	149	1832374	63.03	ng		99
85) Indeno(1,2,3-cd)pyrene	16.18	276	1070116	59.49	ng		99
87) Benzo(b)fluoranthene	14.65	252	1314270m	58.65	ng		
88) Benzo(k)fluoranthene	14.67	252	936813m	51.11	ng		
89) Benzo(a)pyrene	14.95	252	1076789	54.92	ng	#	95
90) Dibenzo(a,h)anthracene	16.21	278	872319	56.14	ng		98
91) Benzo(g,h,i)perylene	16.54	276	856144	57.65	ng		99

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

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