Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
Data File : BF091717.D
Acq On : 17 Dec 2016 16:11
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
umangi
12/20/2016 11:40:27 AM

Quant Time: Dec 17 22:39:34 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:15:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	331846	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	1370694	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	710598	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	1165922	20.00	ng		0.01
75) Chrysene-d12	13.94	240	851536	20.00	ng		0.01
86) Perylene-d12	15.33	264	809858	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	2840333	143.15	ng		0.00
7) Phenol-d6	6.43	99	3326531	134.02	ng		0.01
23) Nitrobenzene-d5	7.36	82	3212262	129.25	ng		0.01
41) 2,4,6-Tribromophenol	10.61	330	817165	137.83	ng		0.01
44) 2-Fluorobiphenyl	9.15	172	4944650	122.59	ng		0.01
78) Terphenyl-d14	12.89	244	3790661	101.63	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	815238	78.15	ng		99
3) Pyridine	3.01	79	2393766	83.75	ng		98
4) n-Nitrosodimethylamine	3.00	42	951006	78.75	ng		95
6) Aniline	6.45	93	2155731	66.53	ng	#	69
8) 2-Chlorophenol	6.57	128	1461543	65.70	ng		98
9) Benzaldehyde	6.32	77	858767	50.64	ng		96
10) Phenol	6.45	94	1841428	62.29	ng		97
11) bis(2-Chloroethyl)ether	6.52	93	1427395	66.33	ng		98
12) 1,3-Dichlorobenzene	6.72	146	1603076	65.47	ng	#	93
13) 1,4-Dichlorobenzene	6.80	146	1728394	71.66	ng		95
14) 1,2-Dichlorobenzene	6.96	146	1327198m	61.34	ng		
15) Benzyl Alcohol	6.93	79	1180006	60.24	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	2327867	69.52	ng		70
17) 2-Methylphenol	7.05	107	1290639	69.92	ng		95
18) Hexachloroethane	7.29	117	631759	67.47	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	1191216	77.24	ng		96
20) 3+4-Methylphenols	7.21	107	1229898	53.69	ng		93
22) Acetophenone	7.20	105	2296404	69.29	ng	#	97
24) Nitrobenzene	7.37	77	1721356	67.35	ng		99
25) Isophorone	7.62	82	3367991	75.85	ng		98
26) 2-Nitrophenol	7.69	139	974764	84.08	ng	#	84
27) 2,4-Dimethylphenol	7.73	122	1455345	71.23	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	1900504	74.37	ng		99
29) 2,4-Dichlorophenol	7.93	162	1168087	66.23	ng		89
30) 1,2,4-Trichlorobenzene	8.01	180	1312577	65.18	ng	#	95
31) Naphthalene	8.09	128	4034687	62.52	ng		98
32) Benzoic acid	7.92	122	1199157	86.03	ng		99
33) 4-Chloroaniline	8.14	127	1987982	71.37	ng		94
34) Hexachlorobutadiene	8.20	225	709953	62.35	ng		99
35) Caprolactam	8.56	113	449567m	83.63	ng		
36) 4-Chloro-3-methylphenol	8.64	107	1310171	66.15	ng		100
37) 2-Methylnaphthalene	8.77	142	2683233	64.18	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	1096657	55.89	ng	#	96
40) Hexachlorocyclopentadiene	8.93	237	643784	74.28	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	907995	72.43	ng		97
43) 2,4,5-Trichlorophenol	9.10	196	811882	62.46	ng		99
45) 1,1'-Biphenyl	9.24	154	3121684	59.35	ng		96
46) 2-Chloronaphthalene	9.26	162	2336433	57.81	ng		94
47) 2-Nitroaniline	9.37	65	958881	72.36	ng		97
48) Acenaphthylene	9.69	152	4051997	66.30	ng		99
49) Dimethylphthalate	9.56	163	3155980	69.22	ng		98
50) 2,6-Dinitrotoluene	9.62	165	786353	78.22	ng	#	86
51) Acenaphthene	9.86	154	2945388	69.44	ng		99
52) 3-Nitroaniline	9.79	138	961007	82.14	ng		90
53) 2,4-Dinitrophenol	9.89	184	496268	125.07	ng		98
54) Dibenzofuran	10.03	168	3407560	64.82	ng		96
55) 4-Nitrophenol	9.96	139	726532	85.67	ng	#	67
56) 2,4-Dinitrotoluene	10.02	165	766969	61.51	ng	#	79
57) Fluorene	10.37	166	2522889	61.29	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	651822	64.87	ng		94
59) Diethylphthalate	10.25	149	3020518	69.34	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	1116939	60.19	ng		93
61) 4-Nitroaniline	10.41	138	843676	71.98	ng		99
62) Azobenzene	10.52	77	3423718	70.33	ng		95
64) 4,6-Dinitro-2-methylphenol	10.43	198	519672	83.38	ng	#	54
65) n-Nitrosodiphenylamine	10.49	169	2438264	68.47	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	868604	72.17	ng	#	81
67) Hexachlorobenzene	10.91	284	809110	63.28	ng	#	81
68) Atrazine	11.01	200	614768	54.80	ng		98
69) Pentachlorophenol	11.10	266	509441	70.68	ng		99
70) Phenanthrene	11.32	178	3588364	60.15	ng		99
71) Anthracene	11.38	178	3816539	61.80	ng		98
72) Carbazole	11.53	167	3762996	67.34	ng		99
73) Di-n-butylphthalate	11.87	149	4594018	71.63	ng		99
74) Fluoranthene	12.51	202	3833656	63.46	ng		98
76) Benzidine	12.63	184	1499938	56.90	ng		96
77) Pyrene	12.74	202	3904430	58.58	ng		98
79) Butylbenzylphthalate	13.36	149	1978114	73.61	ng		97
80) Benzo(a)anthracene	13.93	228	2733571	54.78	ng		100
81) 3,3'-Dichlorobenzidine	13.89	252	1110301	60.55	ng		98
82) Chrysene	13.96	228	3260024	62.37	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	2253239	65.96	ng	#	95
84) Di-n-octyl phthalate	14.53	149	4047749	68.30	ng		98
85) Indeno(1,2,3-cd)pyrene	16.71	276	3062442	64.03	ng		100
87) Benzo(b)fluoranthene	14.95	252	3399921m	68.53	ng		
88) Benzo(k)fluoranthene	14.98	252	2823371m	67.64	ng		
89) Benzo(a)pyrene	15.29	252	2959029	67.65	ng		99
90) Dibenzo(a,h)anthracene	16.73	278	2499269	63.63	ng		97
91) Benzo(g,h,i)perylene	17.12	276	2591371	64.54	ng		97

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

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