Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
Data File : BF092348.D
Acq On : 18 Jan 2017 13:32
Operator : UM/SJ
Sample : I1246-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROW-SP-0-2-COMPMSD

Quant Time: Jan 19 10:52:33 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 10:40:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	137858m	20.00	ng		-0.10
21) Naphthalene-d8	7.83	136	584659	20.00	ng		-0.10
38) Acenaphthene-d10	9.58	164	379727	20.00	ng		-0.10
63) Phenanthrene-d10	11.06	188	571041	20.00	ng		-0.10
75) Chrysene-d12	13.69	240	328905	20.00	ng		-0.10
86) Perylene-d12	15.03	264	124761	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	1265224	153.24	ng		-0.09
7) Phenol-d6	6.22	99	1546296	153.40	ng		-0.09
23) Nitrobenzene-d5	7.11	82	1038336	98.75	ng		-0.10
41) 2,4,6-Tribromophenol	10.37	330	403990	128.56	ng		-0.10
44) 2-Fluorobiphenyl	8.92	172	2134699	120.58	ng		-0.09
78) Terphenyl-d14	12.65	244	1701508	125.47	ng		-0.10
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	176282	43.37	ng	#	84
3) Pyridine	2.77	79	189417m	13.35	ng		
4) n-Nitrosodimethylamine	2.63	42	214682	40.12	ng		97
6) Aniline	6.23	93	44381m	3.39	ng		
8) 2-Chlorophenol	6.34	128	456640	48.62	ng		94
9) Benzaldehyde	6.11	77	25560	3.17	ng		96
10) Phenol	6.23	94	525931	45.79	ng	#	65
11) bis(2-Chloroethyl)ether	6.29	93	480065	52.53	ng		99
12) 1,3-Dichlorobenzene	6.48	146	481181m	47.99	ng		
13) 1,4-Dichlorobenzene	6.56	146	445011m	43.61	ng		
14) 1,2-Dichlorobenzene	6.71	146	421297	47.58	ng		98
15) Benzyl Alcohol	6.71	79	135023	17.24	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.84	45	615753	45.24	ng	#	41
17) 2-Methylphenol	7.00	107	448629	59.40	ng	#	74
18) Hexachloroethane	7.04	117	167915m	44.38	ng		
19) n-Nitroso-di-n-propylamine	6.98	70	323588	48.25	ng		97
20) 3+4-Methylphenols	7.00	107	448629	49.80	ng	#	71
22) Acetophenone	6.96	105	635026	44.04	ng		93
24) Nitrobenzene	7.14	77	490233	43.78	ng		96
25) Isophorone	7.38	82	858774	44.27	ng	#	93
26) 2-Nitrophenol	7.46	139	242271	43.87	ng		94
27) 2,4-Dimethylphenol	7.51	122	357606	39.04	ng		99
28) bis(2-Chloroethoxy)methane	7.59	93	397080	33.76	ng		99
29) 2,4-Dichlorophenol	7.72	162	359913	46.40	ng		96
30) 1,2,4-Trichlorobenzene	7.78	180	381833	44.93	ng		95
31) Naphthalene	7.86	128	1307229	48.85	ng		98
32) Benzoic acid	7.67	122	250478	36.87	ng		98
34) Hexachlorobutadiene	7.97	225	207571	46.27	ng		99
35) Caprolactam	8.29	113	97443m	38.23	ng		
36) 4-Chloro-3-methylphenol	8.43	107	472267	52.92	ng		90
37) 2-Methylnaphthalene	8.54	142	1029449	56.10	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	444389	46.32	ng		99
40) Hexachlorocyclopentadiene	8.70	237	292915	69.12	ng		98
42) 2,4,6-Trichlorophenol	8.84	196	298436	44.48	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.88	196	276879	40.10	ng		94
45) 1,1'-Biphenyl	9.01	154	1269582	48.83	ng		97
46) 2-Chloronaphthalene	9.03	162	976725	47.44	ng		99
47) 2-Nitroaniline	9.14	65	162561	22.17	ng		93
48) Acenaphthylene	9.44	152	1314510	41.51	ng		98
49) Dimethylphthalate	9.32	163	1106154	45.55	ng		98
50) 2,6-Dinitrotoluene	9.39	165	264761	49.81	ng		97
51) Acenaphthene	9.62	154	937403	43.66	ng		99
52) 3-Nitroaniline	9.56	138	26629	4.05	ng	#	90
53) 2,4-Dinitrophenol	9.67	184	263373	89.04	ng	#	89
54) Dibenzofuran	9.79	168	1305417	45.03	ng		96
55) 4-Nitrophenol	9.75	139	218525m	48.92	ng		
56) 2,4-Dinitrotoluene	9.79	165	281496	42.19	ng	#	57
57) Fluorene	10.13	166	991828	47.02	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	232344	42.54	ng		97
59) Diethylphthalate	10.02	149	1010921	42.86	ng		99
60) 4-Chlorophenyl-phenylether	10.12	204	419430	45.41	ng		100
61) 4-Nitroaniline	10.16	138	90766	13.31	ng		82
62) Azobenzene	10.28	77	1042495	40.14	ng		97
64) 4,6-Dinitro-2-methylphenol	10.20	198	174606	50.57	ng		70
65) n-Nitrosodiphenylamine	10.24	169	220296	13.00	ng		98
66) 4-Bromophenyl-phenylether	10.61	248	305824	51.48	ng	#	88
67) Hexachlorobenzene	10.68	284	297624	46.87	ng	#	85
69) Pentachlorophenol	10.87	266	251755	80.81	ng		98
70) Phenanthrene	11.08	178	1389581	44.88	ng		99
71) Anthracene	11.14	178	1473230	61.04	ng		98
72) Carbazole	11.30	167	169945	4.85	ng		96
73) Di-n-butylphthalate	11.64	149	1704023	59.39	ng	#	97
74) Fluoranthene	12.26	202	1309108	48.49	ng		98
77) Pyrene	12.49	202	1177306	48.79	ng		99
79) Butylbenzylphthalate	13.13	149	618548	56.36	ng	#	77
80) Benzo(a)anthracene	13.67	228	999207	53.82	ng		99
82) Chrysene	13.71	228	801894	43.06	ng		99
83) Bis(2-ethylhexyl)phthalate	13.69	149	799523	61.86	ng		98
84) Di-n-octyl phthalate	14.29	149	1277131	53.34	ng		98
85) Indeno(1,2,3-cd)pyrene	16.26	276	834425	51.72	ng		97
87) Benzo(b)fluoranthene	14.68	252	1141851m	147.00	ng		
88) Benzo(k)fluoranthene	14.70	252	598904m	90.42	ng		
89) Benzo(a)pyrene	14.98	252	642582	93.21	ng	#	96
90) Dibenzo(a,h)anthracene	16.26	278	854818	150.85	ng		98
91) Benzo(g,h,i)perylene	16.61	276	724191	122.91	ng	#	93

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

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