Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
Data File : BF092347.D
Acq On : 18 Jan 2017 13:04
Operator : UM/SJ
Sample : I1246-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jan 19 02:15:56 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 01:06:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	184241	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	741888	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	347133	20.00	ng		0.00
63) Phenanthrene-d10	11.06	188	537147	20.00	ng		0.00
75) Chrysene-d12	13.69	240	321303	20.00	ng		-0.01
86) Perylene-d12	15.03	264	296973	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	1269987	115.10	ng		0.02
7) Phenol-d6	6.22	99	1753670	130.17	ng		0.00
23) Nitrobenzene-d5	7.12	82	1215348	91.09	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	385583	134.22	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	1988427	123.16	ng		0.00
78) Terphenyl-d14	12.65	244	1607603	121.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	198586	36.56	ng	#	84
3) Pyridine	2.74	79	523886m	27.63	ng		
4) n-Nitrosodimethylamine	2.68	42	272018	38.03	ng		92
6) Aniline	6.21	93	240901	13.77	ng	#	68
8) 2-Chlorophenol	6.34	128	542860	43.25	ng		98
9) Benzaldehyde	6.11	77	24280	2.19	ng		97
10) Phenol	6.23	94	681473	44.39	ng	#	69
11) bis(2-Chloroethyl)ether	6.29	93	567819	46.49	ng		98
12) 1,3-Dichlorobenzene	6.48	146	592865	44.25	ng		97
13) 1,4-Dichlorobenzene	6.56	146	595703	43.68	ng		93
14) 1,2-Dichlorobenzene	6.71	146	499244	42.19	ng		99
15) Benzyl Alcohol	6.71	79	480868	45.94	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	793440	43.62	ng	#	39
17) 2-Methylphenol	6.84	107	462014	45.77	ng	#	90
18) Hexachloroethane	7.06	117	216253	42.77	ng		91
19) n-Nitroso-di-n-propylamine	6.98	70	440473	49.15	ng		100
20) 3+4-Methylphenols	7.00	107	602136	50.01	ng	#	72
22) Acetophenone	6.96	105	835746	45.67	ng	#	94
24) Nitrobenzene	7.14	77	550642	38.75	ng		100
25) Isophorone	7.39	82	1172166	47.62	ng		98
26) 2-Nitrophenol	7.46	139	285805	40.78	ng		98
27) 2,4-Dimethylphenol	7.51	122	453033	38.98	ng		99
28) bis(2-Chloroethoxy)methane	7.60	93	782728	52.44	ng		99
29) 2,4-Dichlorophenol	7.71	162	482269	49.00	ng		87
30) 1,2,4-Trichlorobenzene	7.78	180	469458	43.53	ng		95
31) Naphthalene	7.86	128	1702682	50.15	ng		99
32) Benzoic acid	7.70	122	326665	37.89	ng		95
33) 4-Chloroaniline	7.92	127	163069	10.65	ng	#	93
34) Hexachlorobutadiene	7.97	225	236558	41.55	ng		100
35) Caprolactam	8.30	113	115432m	35.69	ng		
36) 4-Chloro-3-methylphenol	8.43	107	446136	39.39	ng		97
37) 2-Methylnaphthalene	8.54	142	943536	46.35	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	408835	46.62	ng		99
40) Hexachlorocyclopentadiene	8.70	237	261830	67.68	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	276497	45.08	ng		97
43) 2,4,5-Trichlorophenol	8.90	196	248149	39.31	ng	#	85
45) 1,1'-Biphenyl	9.01	154	1118261	47.05	ng		97
46) 2-Chloronaphthalene	9.03	162	875694	46.52	ng		96
47) 2-Nitroaniline	9.15	65	312597	46.64	ng	#	73
48) Acenaphthylene	9.44	152	1373040	47.43	ng		99
49) Dimethylphthalate	9.33	163	1090277	49.11	ng		100
50) 2,6-Dinitrotoluene	9.39	165	217973	44.85	ng	#	71
51) Acenaphthene	9.62	154	905140	46.12	ng		100
52) 3-Nitroaniline	9.56	138	102023	16.96	ng	#	79
53) 2,4-Dinitrophenol	9.67	184	186212	68.87	ng	#	70
54) Dibenzofuran	9.79	168	1181699	44.59	ng		100
55) 4-Nitrophenol	9.75	139	244283m	59.82	ng		
56) 2,4-Dinitrotoluene	9.80	165	317860	52.11	ng	#	75
57) Fluorene	10.13	166	968459	50.22	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.92	232	230241	46.12	ng		95
59) Diethylphthalate	10.03	149	1074496	49.83	ng		96
60) 4-Chlorophenyl-phenylether	10.13	204	407903	48.31	ng	#	76
61) 4-Nitroaniline	10.18	138	252975	40.59	ng		87
62) Azobenzene	10.28	77	1191389	50.19	ng		97
64) 4,6-Dinitro-2-methylphenol	10.21	198	135010	41.57	ng		97
65) n-Nitrosodiphenylamine	10.24	169	817830	51.31	ng		99
66) 4-Bromophenyl-phenylether	10.61	248	282539	50.57	ng		96
67) Hexachlorobenzene	10.68	284	299075	50.08	ng	#	91
68) Atrazine	10.78	200	265363	51.61	ng		97
69) Pentachlorophenol	10.88	266	234262	79.94	ng		100
70) Phenanthrene	11.08	178	1292041	44.36	ng		99
71) Anthracene	11.14	178	1459818	68.88	ng		98
72) Carbazole	11.30	167	1170907	53.05	ng		99
73) Di-n-butylphthalate	11.64	149	1661932	61.74	ng		98
74) Fluoranthene	12.27	202	1403839	55.86	ng		91
76) Benzidine	12.39	184	347255	41.75	ng		97
77) Pyrene	12.49	202	1220699	51.78	ng		99
79) Butylbenzylphthalate	13.13	149	668195	62.32	ng		85
80) Benzo(a)anthracene	13.67	228	940104	51.83	ng		100
81) 3,3'-Dichlorobenzidine	13.64	252	134914	19.62	ng		98
82) Chrysene	13.71	228	811753	44.62	ng		99
83) Bis(2-ethylhexyl)phthalate	13.69	149	818008	64.78	ng		99
84) Di-n-octyl phthalate	14.29	149	1295472	55.39	ng		99
85) Indeno(1,2,3-cd)pyrene	16.26	276	927691	58.86	ng		99
87) Benzo(b)fluoranthene	14.68	252	996353m	53.89	ng		
88) Benzo(k)fluoranthene	14.70	252	648648m	41.14	ng		
89) Benzo(a)pyrene	14.99	252	790984	48.20	ng	#	95
90) Dibenzo(a,h)anthracene	16.27	278	767970	56.94	ng	#	96
91) Benzo(g,h,i)perylene	16.62	276	811427	57.85	ng		99

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

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