Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
Data File : BF092777.D
Acq On : 3 Feb 2017 13:52
Operator : SJ/MA
Sample : I1378-06MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RVE-7MSD

Quant Time: Feb 03 17:44:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	145055	20.00	ng		-0.03
21) Naphthalene-d8	8.22	136	556203	20.00	ng		-0.03
38) Acenaphthene-d10	9.98	164	303155	20.00	ng		-0.02
63) Phenanthrene-d10	11.47	188	491176	20.00	ng		-0.02
75) Chrysene-d12	14.10	240	275002	20.00	ng		-0.05
86) Perylene-d12	15.56	264	299637	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1274314	150.72	ng		-0.02
7) Phenol-d6	6.59	99	1681220	154.54	ng		-0.01
23) Nitrobenzene-d5	7.50	82	1003327	100.45	ng		-0.03
41) 2,4,6-Tribromophenol	10.77	330	290536	132.51	ng		-0.03
44) 2-Fluorobiphenyl	9.31	172	1824964	109.06	ng		-0.02
78) Terphenyl-d14	13.05	244	1212639	103.61	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	200543	43.90	ng		86
3) Pyridine	3.38	79	519034	44.68	ng		86
4) n-Nitrosodimethylamine	3.34	42	315334	57.81	ng		86
6) Aniline	6.60	93	214252	14.44	ng	#	9
8) 2-Chlorophenol	6.73	128	472770	50.68	ng		97
9) Benzaldehyde	6.48	77	274835	35.26	ng		89
10) Phenol	6.60	94	705388	55.42	ng	#	73
11) bis(2-Chloroethyl)ether	6.67	93	462235	45.50	ng		90
12) 1,3-Dichlorobenzene	6.88	146	528917m	48.41	ng		
13) 1,4-Dichlorobenzene	6.96	146	561809	50.81	ng		94
14) 1,2-Dichlorobenzene	7.10	146	459687	43.48	ng		98
15) Benzyl Alcohol	7.08	79	379972	47.18	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	797494	45.18	ng		94
17) 2-Methylphenol	7.21	107	407266	50.89	ng		98
18) Hexachloroethane	7.45	117	172469	45.69	ng		90
19) n-Nitroso-di-n-propylamine	7.36	70	317023	45.78	ng		94
20) 3+4-Methylphenols	7.36	107	459218	48.00	ng		90
22) Acetophenone	7.36	105	618834	48.73	ng	#	91
24) Nitrobenzene	7.53	77	531868	51.86	ng		96
25) Isophorone	7.77	82	921555	49.51	ng		99
26) 2-Nitrophenol	7.85	139	278540	57.13	ng	#	81
27) 2,4-Dimethylphenol	7.88	122	432298	50.49	ng		98
28) bis(2-Chloroethoxy)methane	7.97	93	570881	46.31	ng		98
29) 2,4-Dichlorophenol	8.09	162	390318	48.88	ng		89
30) 1,2,4-Trichlorobenzene	8.17	180	416254	48.37	ng		95
31) Naphthalene	8.25	128	1275819	45.25	ng		100
32) Benzoic acid	8.01	122	186854	39.93	ng		98
33) 4-Chloroaniline	8.30	127	83150	7.52	ng		97
34) Hexachlorobutadiene	8.36	225	218112	46.07	ng		99
35) Caprolactam	8.68	113	129616m	51.60	ng		
36) 4-Chloro-3-methylphenol	8.80	107	411245	49.40	ng		97
37) 2-Methylnaphthalene	8.94	142	906296	50.06	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	384166	45.14	ng		99
40) Hexachlorocyclopentadiene	9.09	237	215468	56.12	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	294799	52.72	ng		96
43) 2,4,5-Trichlorophenol	9.26	196	278918	45.53	ng		96
45) 1,1'-Biphenyl	9.41	154	1048554	47.77	ng		97
46) 2-Chloronaphthalene	9.44	162	874780	50.94	ng		98
47) 2-Nitroaniline	9.53	65	240257	41.61	ng		97
48) Acenaphthylene	9.85	152	1237892	41.73	ng		99
49) Dimethylphthalate	9.71	163	1129284	55.30	ng		99
50) 2,6-Dinitrotoluene	9.77	165	218054	49.45	ng	#	78
51) Acenaphthene	10.02	154	808450	45.58	ng		98
52) 3-Nitroaniline	9.94	138	77567	15.37	ng		89
53) 2,4-Dinitrophenol	10.04	184	103471	48.13	ng	#	56
54) Dibenzofuran	10.19	168	1069468	45.08	ng		95
55) 4-Nitrophenol	10.12	139	336972	92.71	ng	#	70
56) 2,4-Dinitrotoluene	10.18	165	310512	52.89	ng	#	75
57) Fluorene	10.53	166	827646	45.35	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.32	232	204768	50.10	ng		95
59) Diethylphthalate	10.41	149	933126	48.49	ng		98
60) 4-Chlorophenyl-phenylether	10.52	204	370848	42.30	ng		90
61) 4-Nitroaniline	10.56	138	190708	36.90	ng		90
62) Azobenzene	10.68	77	963705	48.47	ng		95
64) 4,6-Dinitro-2-methylphenol	10.58	198	88177	30.52	ng	#	55
65) n-Nitrosodiphenylamine	10.65	169	796667	50.77	ng		100
66) 4-Bromophenyl-phenylether	11.01	248	270649	52.74	ng	#	91
67) Hexachlorobenzene	11.08	284	253258	49.94	ng	#	91
68) Atrazine	11.17	200	282193	56.04	ng		96
69) Pentachlorophenol	11.28	266	236829	89.53	ng		98
70) Phenanthrene	11.49	178	1287705	45.76	ng		98
71) Anthracene	11.54	178	1244287	44.03	ng		99
72) Carbazole	11.70	167	1098018	40.65	ng		99
73) Di-n-butylphthalate	12.03	149	1561477	53.45	ng	#	96
74) Fluoranthene	12.68	202	1213816	41.82	ng		92
76) Benzidine	12.80	184	383278	32.71	ng		97
77) Pyrene	12.91	202	1177390	57.21	ng		99
79) Butylbenzylphthalate	13.52	149	534079	63.91	ng		100
80) Benzo(a)anthracene	14.09	228	817613	48.61	ng		99
81) 3,3'-Dichlorobenzidine	14.05	252	174760	29.15	ng		97
82) Chrysene	14.13	228	813163	51.64	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	678739	59.39	ng		99
84) Di-n-octyl phthalate	14.69	149	1136948	61.09	ng		100
85) Indeno(1,2,3-cd)pyrene	17.03	276	851899	69.84	ng		95
87) Benzo(b)fluoranthene	15.14	252	851166	43.16	ng		98
88) Benzo(k)fluoranthene	15.17	252	834635m	49.01	ng		
89) Benzo(a)pyrene	15.51	252	826272	48.43	ng		98
90) Dibenzo(a,h)anthracene	17.05	278	714569	51.83	ng		98
91) Benzo(g,h,i)perylene	17.47	276	695411	49.93	ng	#	92

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

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