Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
Data File : BF092967.D
Acq On : 15 Feb 2017 22:42
Operator : SJ/MA
Sample : I1816-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
H-1MS

Manual Integrations APPROVED
mohammad
2/16/2017 11:38:59 AM

Quant Time: Feb 16 07:33:04 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	147380	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	607618	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	315250	20.00	ng		-0.02
63) Phenanthrene-d10	11.39	188	501611	20.00	ng		-0.01
75) Chrysene-d12	14.03	240	357280	20.00	ng		-0.02
86) Perylene-d12	15.46	264	298163	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1257077	146.33	ng		0.00
7) Phenol-d6	6.52	99	1557088	140.87	ng		-0.01
23) Nitrobenzene-d5	7.44	82	973684	89.24	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	300619	131.85	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	1492506	85.77	ng		-0.01
78) Terphenyl-d14	12.98	244	1288765	84.76	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	175346	37.78	ng	#	84
3) Pyridine	3.24	79	519743	44.03	ng		85
4) n-Nitrosodimethylamine	3.21	42	257824	46.52	ng		87
6) Aniline	6.53	93	228599	15.16	ng	#	1
8) 2-Chlorophenol	6.66	128	444994	46.95	ng		97
9) Benzaldehyde	6.42	77	110930	14.01	ng		98
10) Phenol	6.53	94	680390	52.61	ng	#	77
11) bis(2-Chloroethyl)ether	6.61	93	462095	44.77	ng		96
12) 1,3-Dichlorobenzene	6.81	146	464124m	41.81	ng		
13) 1,4-Dichlorobenzene	6.89	146	482373	42.94	ng		97
14) 1,2-Dichlorobenzene	7.05	146	462131	43.02	ng		93
15) Benzyl Alcohol	7.02	79	392145	47.92	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.15	45	802860	44.77	ng		96
17) 2-Methylphenol	7.14	107	395560	48.65	ng		95
18) Hexachloroethane	7.38	117	162615	42.40	ng	#	87
19) n-Nitroso-di-n-propylamine	7.29	70	320923	45.61	ng		94
20) 3+4-Methylphenols	7.29	107	446052	45.89	ng	#	73
22) Acetophenone	7.29	105	592431	42.70	ng	#	94
24) Nitrobenzene	7.46	77	502039	44.81	ng		97
25) Isophorone	7.70	82	915800	45.04	ng		96
26) 2-Nitrophenol	7.78	139	266100	49.96	ng	#	85
27) 2,4-Dimethylphenol	7.81	122	400125	42.78	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	580875	43.14	ng		98
29) 2,4-Dichlorophenol	8.02	162	399481	45.79	ng		93
30) 1,2,4-Trichlorobenzene	8.10	180	407098	43.31	ng		97
31) Naphthalene	8.18	128	1259533	40.89	ng		99
32) Benzoic acid	7.90	122	52266	15.56	ng		97
33) 4-Chloroaniline	8.22	127	98387	8.14	ng		94
34) Hexachlorobutadiene	8.29	225	207116	40.05	ng		98
35) Caprolactam	8.60	113	121411	44.25	ng	#	42
36) 4-Chloro-3-methylphenol	8.73	107	429313	47.20	ng		91
37) 2-Methylnaphthalene	8.86	142	832802	42.11	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	375352	42.42	ng		99
40) Hexachlorocyclopentadiene	9.02	237	261057	65.39	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	270179	46.46	ng		93
43) 2,4,5-Trichlorophenol	9.20	196	276406	43.38	ng	#	89
45) 1,1'-Biphenyl	9.33	154	975584	42.74	ng		98
46) 2-Chloronaphthalene	9.36	162	759214	42.52	ng		97
47) 2-Nitroaniline	9.46	65	285004	47.47	ng		94
48) Acenaphthylene	9.78	152	1262133	40.91	ng		97
49) Dimethylphthalate	9.64	163	1293211	60.90	ng		99
50) 2,6-Dinitrotoluene	9.70	165	194818	42.48	ng	#	82
51) Acenaphthene	9.94	154	763527	41.40	ng		96
52) 3-Nitroaniline	9.87	138	115820	22.07	ng	#	76
53) 2,4-Dinitrophenol	9.97	184	76317	35.51	ng	#	62
54) Dibenzofuran	10.12	168	1114545	45.18	ng	#	89
55) 4-Nitrophenol	10.04	139	286381	75.77	ng		93
56) 2,4-Dinitrotoluene	10.11	165	271312	44.44	ng	#	78
57) Fluorene	10.46	166	760030	40.05	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.24	232	211640	49.80	ng		99
59) Diethylphthalate	10.34	149	923393	46.14	ng		95
60) 4-Chlorophenyl-phenylether	10.45	204	392687	43.07	ng	#	81
61) 4-Nitroaniline	10.49	138	222577	41.41	ng		82
62) Azobenzene	10.61	77	918838m	44.44	ng		
64) 4,6-Dinitro-2-methylphenol	10.51	198	105213	35.21	ng	#	57
65) n-Nitrosodiphenylamine	10.57	169	691409	43.15	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	224003	42.74	ng	#	77
67) Hexachlorobenzene	11.00	284	213628	41.25	ng	#	81
68) Atrazine	11.10	200	239734	46.62	ng		92
69) Pentachlorophenol	11.21	266	245186	90.66	ng		98
70) Phenanthrene	11.41	178	1161399	40.41	ng		98
71) Anthracene	11.47	178	1206232	41.80	ng		98
72) Carbazole	11.63	167	1169188	42.38	ng		98
73) Di-n-butylphthalate	11.95	149	1334286	44.72	ng		98
74) Fluoranthene	12.60	202	1097658	37.03	ng		99
76) Benzidine	12.73	184	288543	18.95	ng		96
77) Pyrene	12.83	202	1098013	41.07	ng		99
79) Butylbenzylphthalate	13.45	149	517406	47.65	ng		96
80) Benzo(a)anthracene	14.02	228	825756	37.79	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	172855	22.19	ng	#	94
82) Chrysene	14.05	228	774994m	37.88	ng		
83) Bis(2-ethylhexyl)phthalate	14.01	149	720962	48.55	ng	#	96
84) Di-n-octyl phthalate	14.61	149	1127805	46.64	ng		98
85) Indeno(1,2,3-cd)pyrene	16.88	276	808175	51.00	ng	#	94
87) Benzo(b)fluoranthene	15.05	252	734388m	37.42	ng		
88) Benzo(k)fluoranthene	15.08	252	760106m	44.86	ng		
89) Benzo(a)pyrene	15.40	252	706336	41.61	ng		97
90) Dibenzo(a,h)anthracene	16.89	278	676629	49.32	ng	#	95
91) Benzo(g,h,i)perylene	17.31	276	684764	49.40	ng	#	94

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

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