Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
Data File : BF092795.D
Acq On : 4 Feb 2017 00:22
Operator : SJ/MA
Sample : I1690-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-6-COMPMS

Manual Integrations APPROVED
mohammad
2/6/2017 12:34:17 PM

Quant Time: Feb 04 01:04:12 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	6.92	152	127960	20.00	ng		-0.05
21) Naphthalene-d8	8.21	136	548487	20.00	ng		-0.05
38) Acenaphthene-d10	9.97	164	300925	20.00	ng		-0.03
63) Phenanthrene-d10	11.46	188	481180	20.00	ng		-0.03
75) Chrysene-d12	14.11	240	382238	20.00	ng		-0.03
86) Perylene-d12	15.57	264	358021	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1226832	164.49	ng		-0.03
7) Phenol-d6	6.58	99	1451152	151.21	ng		-0.02
23) Nitrobenzene-d5	7.49	82	829867	84.26	ng		-0.05
41) 2,4,6-Tribromophenol	10.77	330	319666	146.87	ng		-0.03
44) 2-Fluorobiphenyl	9.30	172	1638585	98.65	ng		-0.03
78) Terphenyl-d14	13.05	244	1292828	79.47	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	124505	30.89	ng	#	84
3) Pyridine	3.31	79	334479	32.64	ng		89
4) n-Nitrosodimethylamine	3.26	42	204941	42.59	ng		86
6) Aniline	6.59	93	507188	38.74	ng		98
8) 2-Chlorophenol	6.72	128	389984	47.39	ng		100
9) Benzaldehyde	6.48	77	203315	29.57	ng		92
10) Phenol	6.59	94	626372	55.79	ng		90
11) bis(2-Chloroethyl)ether	6.67	93	368251	41.09	ng		96
12) 1,3-Dichlorobenzene	6.86	146	394810m	40.97	ng		
13) 1,4-Dichlorobenzene	6.94	146	422991	43.36	ng		95
14) 1,2-Dichlorobenzene	7.09	146	361940	38.80	ng		96
15) Benzyl Alcohol	7.07	79	311619	43.86	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	640553	41.14	ng		93
17) 2-Methylphenol	7.20	107	328234	46.50	ng		97
18) Hexachloroethane	7.44	117	132730	39.86	ng	#	88
19) n-Nitroso-di-n-propylamine	7.34	70	264983	43.38	ng		96
20) 3+4-Methylphenols	7.34	107	393487	46.62	ng		95
22) Acetophenone	7.34	105	506932	40.48	ng	#	91
24) Nitrobenzene	7.52	77	456581	45.14	ng		92
25) Isophorone	7.76	82	772992	42.12	ng		98
26) 2-Nitrophenol	7.82	139	206722	43.00	ng		93
27) 2,4-Dimethylphenol	7.87	122	353158	41.83	ng		96
28) bis(2-Chloroethoxy)methane	7.96	93	460009	37.84	ng		99
29) 2,4-Dichlorophenol	8.08	162	359641	45.67	ng		94
30) 1,2,4-Trichlorobenzene	8.16	180	355549	41.90	ng		98
31) Naphthalene	8.24	128	1140673	41.03	ng		99
32) Benzoic acid	7.95	122	32815	13.00	ng		84
33) 4-Chloroaniline	8.28	127	186605	17.11	ng		97
34) Hexachlorobutadiene	8.35	225	179704	38.49	ng		99
35) Caprolactam	8.66	113	112390	45.38	ng	#	33
36) 4-Chloro-3-methylphenol	8.78	107	389400	47.43	ng		91
37) 2-Methylnaphthalene	8.93	142	781716m	43.79	ng		
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	314527	37.23	ng		99
40) Hexachlorocyclopentadiene	9.08	237	228412	59.93	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	243683	43.90	ng		97
43) 2,4,5-Trichlorophenol	9.25	196	250650	41.21	ng		95
45) 1,1'-Biphenyl	9.39	154	867998	39.83	ng		97
46) 2-Chloronaphthalene	9.42	162	748731	43.92	ng		96
47) 2-Nitroaniline	9.52	65	216400	37.76	ng		97
48) Acenaphthylene	9.84	152	1121910	38.10	ng		99
49) Dimethylphthalate	9.70	163	910909	44.94	ng		99
50) 2,6-Dinitrotoluene	9.77	165	211111	48.23	ng	#	79
51) Acenaphthene	10.01	154	656841	37.31	ng		96
52) 3-Nitroaniline	9.93	138	141500	28.25	ng		96
53) 2,4-Dinitrophenol	10.04	184	43222	23.00	ng		96
54) Dibenzofuran	10.18	168	948396	40.27	ng		97
55) 4-Nitrophenol	10.11	139	319251	88.48	ng		85
56) 2,4-Dinitrotoluene	10.17	165	256787	44.06	ng		92
57) Fluorene	10.52	166	712694	39.34	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.30	232	202187	49.84	ng		97
59) Diethylphthalate	10.40	149	840365	43.99	ng		99
60) 4-Chlorophenyl-phenylether	10.52	204	347042	39.87	ng	#	71
61) 4-Nitroaniline	10.56	138	229340	44.70	ng		83
62) Azobenzene	10.68	77	892928	45.25	ng		84
64) 4,6-Dinitro-2-methylphenol	10.58	198	96770	33.87	ng		94
65) n-Nitrosodiphenylamine	10.64	169	651643	42.39	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	213402	42.45	ng	#	74
67) Hexachlorobenzene	11.07	284	203315	40.93	ng	#	83
68) Atrazine	11.16	200	226769	45.97	ng		99
69) Pentachlorophenol	11.28	266	222521	86.16	ng		97
70) Phenanthrene	11.49	178	1264907	45.88	ng		98
71) Anthracene	11.54	178	1113356	40.22	ng		98
72) Carbazole	11.70	167	1112466	42.04	ng		98
73) Di-n-butylphthalate	12.02	149	1302810	45.52	ng		98
74) Fluoranthene	12.68	202	1243596	43.73	ng		93
76) Benzidine	12.80	184	351539	21.58	ng		97
77) Pyrene	12.91	202	1229836	42.99	ng		99
79) Butylbenzylphthalate	13.53	149	527720	45.43	ng	#	80
80) Benzo(a)anthracene	14.10	228	946979	40.51	ng		99
81) 3,3'-Dichlorobenzidine	14.07	252	268751	32.25	ng	#	95
82) Chrysene	14.13	228	888786m	40.60	ng		
83) Bis(2-ethylhexyl)phthalate	14.09	149	751936	47.33	ng	#	94
84) Di-n-octyl phthalate	14.69	149	1224037	47.32	ng		97
85) Indeno(1,2,3-cd)pyrene	17.04	276	871016	51.37	ng		95
87) Benzo(b)fluoranthene	15.15	252	1003879m	42.60	ng		
88) Benzo(k)fluoranthene	15.17	252	729596m	35.86	ng		
89) Benzo(a)pyrene	15.52	252	879687	43.16	ng		98
90) Dibenzo(a,h)anthracene	17.06	278	725364	44.03	ng		98
91) Benzo(g,h,i)perylene	17.48	276	731560	43.96	ng	#	91

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

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