Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
Data File : BF095356.D
Acq On : 23 May 2017 17:49
Operator : SJ/MA
Sample : I3244-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MS

Manual Integrations APPROVED
mohammad
5/24/2017 4:43:17 PM

Quant Time: May 24 02:54:37 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	108159	20.00	ng		0.00
21) Naphthalene-d8	9.77	136	446634	20.00	ng		-0.01
38) Acenaphthene-d10	12.60	164	204243	20.00	ng		-0.02
63) Phenanthrene-d10	15.01	188	343451	20.00	ng		-0.01
75) Chrysene-d12	18.68	240	191134	20.00	ng		-0.01
86) Perylene-d12	20.36	264	190230	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	943279	145.40	ng		0.00
7) Phenol-d6	7.31	99	1086771	139.62	ng		0.00
23) Nitrobenzene-d5	8.67	82	674112	95.18	ng		0.00
41) 2,4,6-Tribromophenol	13.91	330	230121	137.58	ng		0.00
44) 2-Fluorobiphenyl	11.55	172	1253489	88.34	ng		-0.01
78) Terphenyl-d14	17.33	244	901154	103.85	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	108846	34.21	ng		97
3) Pyridine	2.98	79	260826	35.37	ng		97
4) n-Nitrosodimethylamine	2.90	42	114925	37.39	ng	#	77
6) Aniline	7.27	93	387621	39.45	ng		96
8) 2-Chlorophenol	7.45	128	348731	47.23	ng		97
9) Benzaldehyde	7.10	77	95827	20.16	ng		96
10) Phenol	7.32	94	392531	47.86	ng		90
11) bis(2-Chloroethyl)ether	7.40	93	305046	45.05	ng		98
12) 1,3-Dichlorobenzene	7.66	146	360942	43.09	ng		98
13) 1,4-Dichlorobenzene	7.78	146	373665	43.99	ng		97
14) 1,2-Dichlorobenzene	8.02	146	352155	44.41	ng		96
15) Benzyl Alcohol	8.05	79	282213	56.37	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.24	45	407940	42.56	ng		86
17) 2-Methylphenol	8.25	107	283487	46.91	ng		95
18) Hexachloroethane	8.53	117	119032	41.37	ng		88
19) n-Nitroso-di-n-propylamine	8.47	70	240964	45.77	ng		95
20) 3+4-Methylphenols	8.51	107	381511	46.46	ng	#	57
22) Acetophenone	8.44	105	491186	45.84	ng	#	84
24) Nitrobenzene	8.70	77	345698	46.56	ng		91
25) Isophorone	9.10	82	626249	49.52	ng		95
26) 2-Nitrophenol	9.20	139	196408	49.03	ng		96
27) 2,4-Dimethylphenol	9.33	122	314117	48.50	ng		98
28) bis(2-Chloroethoxy)methane	9.45	93	403875	46.16	ng		99
29) 2,4-Dichlorophenol	9.62	162	290575	47.51	ng		98
30) 1,2,4-Trichlorobenzene	9.70	180	263176	40.17	ng		97
31) Naphthalene	9.81	128	993439	44.26	ng		99
32) Benzoic acid	9.62	122	53005	16.23	ng		91
33) 4-Chloroaniline	9.97	127	174457	20.85	ng	#	91
34) Hexachlorobutadiene	10.02	225	143274	41.44	ng		98
35) Caprolactam	10.59	113	80805m	44.00	ng		
36) 4-Chloro-3-methylphenol	10.81	107	315326	48.23	ng		90
37) 2-Methylnaphthalene	10.93	142	694988	47.17	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	271290	43.19	ng		99
40) Hexachlorocyclopentadiene	11.18	237	107159	43.57	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	198248	47.27	ng		98
43) 2,4,5-Trichlorophenol	11.54	196	179445	39.81	ng		95
45) 1,1'-Biphenyl	11.70	154	784506	45.62	ng		98
46) 2-Chloronaphthalene	11.72	162	609413	43.89	ng		97
47) 2-Nitroaniline	11.94	65	168333	44.29	ng	#	80
48) Acenaphthylene	12.38	152	961007	44.19	ng		99
49) Dimethylphthalate	12.25	163	948501	56.57	ng		99
50) 2,6-Dinitrotoluene	12.35	165	160768	47.00	ng		95
51) Acenaphthene	12.66	154	564683	43.47	ng		99
52) 3-Nitroaniline	12.62	138	114918	31.30	ng		90
53) 2,4-Dinitrophenol	12.84	184	72735	41.84	ng	#	66
54) Dibenzofuran	12.95	168	871086	48.46	ng		97
55) 4-Nitrophenol	13.02	139	160966	73.00	ng	#	75
56) 2,4-Dinitrotoluene	13.02	165	216165	49.18	ng	#	91
57) Fluorene	13.50	166	684494	43.79	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.19	232	140382	49.49	ng	#	95
59) Diethylphthalate	13.39	149	690177	42.95	ng		98
60) 4-Chlorophenyl-phenylether	13.52	204	299612	43.61	ng		89
61) 4-Nitroaniline	13.63	138	123904	36.76	ng		94
62) Azobenzene	13.78	77	647521	50.14	ng		92
64) 4,6-Dinitro-2-methylphenol	13.69	198	91076	39.56	ng	#	68
65) n-Nitrosodiphenylamine	13.73	169	592938	47.57	ng		98
66) 4-Bromophenyl-phenylether	14.31	248	161747	44.58	ng		100
67) Hexachlorobenzene	14.40	284	160063	43.04	ng	#	91
68) Atrazine	14.65	200	173161	49.20	ng		96
69) Pentachlorophenol	14.75	266	114609	69.03	ng		98
70) Phenanthrene	15.05	178	901131	45.66	ng		98
71) Anthracene	15.13	178	925392	45.91	ng		98
72) Carbazole	15.41	167	829470	45.23	ng		98
73) Di-n-butylphthalate	15.97	149	1062911	46.47	ng		98
74) Fluoranthene	16.79	202	816273	40.32	ng		99
76) Benzidine	17.02	184	211129	41.83	ng	#	93
77) Pyrene	17.09	202	790620	55.31	ng		98
79) Butylbenzylphthalate	17.99	149	361212	54.33	ng		91
80) Benzo(a)anthracene	18.67	228	498529	44.82	ng		98
81) 3,3'-Dichlorobenzidine	18.65	252	133490	34.75	ng	#	96
82) Chrysene	18.71	228	477971	44.44	ng		99
83) Bis(2-ethylhexyl)phthalate	18.73	149	485735	51.27	ng	#	98
84) Di-n-octyl phthalate	19.50	149	724918	46.67	ng		95
85) Indeno(1,2,3-cd)pyrene	21.69	276	562492	64.40	ng		100
87) Benzo(b)fluoranthene	19.95	252	462475	39.34	ng		98
88) Benzo(k)fluoranthene	19.98	252	517661	45.66	ng		96
89) Benzo(a)pyrene	20.30	252	491061	45.27	ng		98
90) Dibenzo(a,h)anthracene	21.69	278	456841	51.00	ng		97
91) Benzo(g,h,i)perylene	22.07	276	465013	52.90	ng		99

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

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