Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
Data File : BF092840.D
Acq On : 7 Feb 2017 20:45
Operator : SJ/MA
Sample : I1731-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLL-OFF-1615-COMPMS

Manual Integrations APPROVED
mohammad
2/8/2017 10:43:17 AM

Quant Time: Feb 08 00:25:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 23:52:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	161818	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	665106	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	305461	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	417889	20.00	ng		0.00
75) Chrysene-d12	14.08	240	312928	20.00	ng		0.00
86) Perylene-d12	15.53	264	266457	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1351145	143.25	ng		0.02
7) Phenol-d6	6.56	99	1816643	149.69	ng		0.01
23) Nitrobenzene-d5	7.48	82	1294411	108.38	ng		0.01
41) 2,4,6-Tribromophenol	10.74	330	292816	132.54	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	1873126	111.09	ng		0.01
78) Terphenyl-d14	13.01	244	1102071	82.75	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	180679	35.45	ng	#	83
3) Pyridine	3.30	79	476478	36.77	ng		86
4) n-Nitrosodimethylamine	3.26	42	263323	43.27	ng		90
6) Aniline	6.58	93	594787	35.93	ng	#	46
8) 2-Chlorophenol	6.69	128	540385	51.93	ng		90
9) Benzaldehyde	6.45	77	258560	29.74	ng		96
10) Phenol	6.57	94	778130	54.80	ng		90
11) bis(2-Chloroethyl)ether	6.65	93	609523	53.78	ng		95
12) 1,3-Dichlorobenzene	6.84	146	583445m	47.87	ng		
13) 1,4-Dichlorobenzene	6.92	146	588086	47.67	ng		98
14) 1,2-Dichlorobenzene	7.08	146	580657	49.23	ng		95
15) Benzyl Alcohol	7.05	79	484350	53.91	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1010378	51.32	ng		95
17) 2-Methylphenol	7.17	107	501772	56.21	ng		97
18) Hexachloroethane	7.41	117	197935	47.01	ng	#	86
19) n-Nitroso-di-n-propylamine	7.32	70	396094	51.27	ng		94
20) 3+4-Methylphenols	7.32	107	534650	50.09	ng	#	78
22) Acetophenone	7.32	105	731575	48.18	ng	#	92
24) Nitrobenzene	7.49	77	609131	49.67	ng		99
25) Isophorone	7.73	82	1174657	52.78	ng		96
26) 2-Nitrophenol	7.81	139	327516	56.18	ng	#	87
27) 2,4-Dimethylphenol	7.85	122	525412	51.32	ng		99
28) bis(2-Chloroethoxy)methane	7.94	93	732889	49.72	ng		98
29) 2,4-Dichlorophenol	8.05	162	476090	49.86	ng		90
30) 1,2,4-Trichlorobenzene	8.13	180	481305	46.77	ng		96
31) Naphthalene	8.21	128	1443538	42.81	ng		99
32) Benzoic acid	7.94	122	44256	13.66	ng		88
33) 4-Chloroaniline	8.26	127	229281	17.34	ng		94
34) Hexachlorobutadiene	8.33	225	246342	43.51	ng		99
35) Caprolactam	8.64	113	161058	53.62	ng	#	34
36) 4-Chloro-3-methylphenol	8.76	107	539481	54.19	ng		92
37) 2-Methylnaphthalene	8.91	142	1066147	49.25	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	429717	50.12	ng		99
40) Hexachlorocyclopentadiene	9.06	237	126068	32.59	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	312497	55.46	ng		91
43) 2,4,5-Trichlorophenol	9.23	196	322377	52.22	ng		94
45) 1,1'-Biphenyl	9.37	154	990657	44.79	ng		97
46) 2-Chloronaphthalene	9.40	162	849441	49.09	ng		94
47) 2-Nitroaniline	9.49	65	269517	46.33	ng		98
48) Acenaphthylene	9.81	152	1322232	44.24	ng		99
49) Dimethylphthalate	9.68	163	1223065	59.45	ng		99
50) 2,6-Dinitrotoluene	9.73	165	211182	47.53	ng	#	73
51) Acenaphthene	9.98	154	807056	45.16	ng		98
52) 3-Nitroaniline	9.90	138	158226	31.12	ng		99
53) 2,4-Dinitrophenol	10.02	184	61748	30.44	ng		96
54) Dibenzofuran	10.16	168	1141683	47.76	ng		94
55) 4-Nitrophenol	10.09	139	359192	98.07	ng	#	66
56) 2,4-Dinitrotoluene	10.14	165	306779	51.86	ng	#	81
57) Fluorene	10.50	166	865633	47.07	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	208380	50.60	ng		95
59) Diethylphthalate	10.37	149	998567	51.50	ng		97
60) 4-Chlorophenyl-phenylether	10.49	204	395226	44.74	ng		88
61) 4-Nitroaniline	10.52	138	214601	41.20	ng		92
62) Azobenzene	10.65	77	975551	48.70	ng		96
64) 4,6-Dinitro-2-methylphenol	10.56	198	69863	28.61	ng		82
65) n-Nitrosodiphenylamine	10.61	169	809036	60.60	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	233124	53.40	ng		93
67) Hexachlorobenzene	11.05	284	225496	52.27	ng		100
68) Atrazine	11.14	200	241280	56.32	ng		96
69) Pentachlorophenol	11.24	266	206473	91.56	ng		98
70) Phenanthrene	11.46	178	1089378	45.50	ng		98
71) Anthracene	11.52	178	1201325	49.97	ng		97
72) Carbazole	11.66	167	926872	40.33	ng		98
73) Di-n-butylphthalate	12.00	149	1451919	58.41	ng	#	96
74) Fluoranthene	12.65	202	1024815	41.50	ng		95
76) Benzidine	12.77	184	350960m	26.32	ng		
77) Pyrene	12.88	202	999778	42.69	ng		99
79) Butylbenzylphthalate	13.49	149	509434	53.57	ng	#	81
80) Benzo(a)anthracene	14.07	228	925274	48.34	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	308590	45.23	ng	#	95
82) Chrysene	14.10	228	682259	38.07	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	674596	51.87	ng	#	93
84) Di-n-octyl phthalate	14.66	149	1354381	63.95	ng		97
85) Indeno(1,2,3-cd)pyrene	16.97	276	676606	48.75	ng		95
87) Benzo(b)fluoranthene	15.11	252	812205	46.31	ng		98
88) Benzo(k)fluoranthene	15.14	252	815580m	53.86	ng		
89) Benzo(a)pyrene	15.47	252	760700	50.14	ng		96
90) Dibenzo(a,h)anthracene	16.99	278	577376	47.09	ng		97
91) Benzo(g,h,i)perylene	17.40	276	546664	44.13	ng	#	91

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

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