Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
Data File : BF093081.D
Acq On : 22 Feb 2017 17:57
Operator : SJ/MA
Sample : I1915-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B1-1MS

Manual Integrations APPROVED
mohammad
2/23/2017 1:16:06 PM

Quant Time: Feb 23 00:19:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	146447	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	569217	20.00	ng		-0.02
38) Acenaphthene-d10	9.87	164	274741	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	517604	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	451582	20.00	ng		-0.02
86) Perylene-d12	15.41	264	317596	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1162933	136.24	ng		0.01
7) Phenol-d6	6.49	99	1327713	120.89	ng		0.00
23) Nitrobenzene-d5	7.41	82	964298	94.34	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	332262	167.21	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	1680797	110.83	ng		-0.02
78) Terphenyl-d14	12.95	244	1528869	79.55	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	177648	38.52	ng	#	70
3) Pyridine	3.29	79	332082m	28.31	ng		
4) n-Nitrosodimethylamine	3.21	42	234181	42.52	ng		92
6) Aniline	6.51	93	262672	17.53	ng	#	67
8) 2-Chlorophenol	6.64	128	431174	45.79	ng		90
9) Benzaldehyde	6.40	77	40474	5.14	ng		96
10) Phenol	6.50	94	474263	36.91	ng		84
11) bis(2-Chloroethyl)ether	6.58	93	465435	45.38	ng		89
12) 1,3-Dichlorobenzene	6.78	146	506214	45.89	ng		97
13) 1,4-Dichlorobenzene	6.86	146	487635m	43.68	ng		
14) 1,2-Dichlorobenzene	7.01	146	487369	45.66	ng		97
15) Benzyl Alcohol	6.99	79	358640	44.11	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	814407	45.70	ng		96
17) 2-Methylphenol	7.10	107	371468	45.98	ng		96
18) Hexachloroethane	7.36	117	169967	44.60	ng	#	83
19) n-Nitroso-di-n-propylamine	7.26	70	335238	47.95	ng		99
20) 3+4-Methylphenols	7.26	107	461419	47.77	ng		92
22) Acetophenone	7.25	105	605908	46.62	ng	#	98
24) Nitrobenzene	7.42	77	479429	45.68	ng		99
25) Isophorone	7.66	82	913465	47.96	ng		95
26) 2-Nitrophenol	7.74	139	256278	51.37	ng		95
27) 2,4-Dimethylphenol	7.79	122	458695	52.35	ng		96
28) bis(2-Chloroethoxy)methane	7.88	93	621997	49.31	ng		98
29) 2,4-Dichlorophenol	7.98	162	396010	48.46	ng		87
30) 1,2,4-Trichlorobenzene	8.06	180	402460	45.70	ng		95
31) Naphthalene	8.14	128	1262145	43.74	ng		99
32) Benzoic acid	7.92	122	131563	29.71	ng		97
33) 4-Chloroaniline	8.20	127	112703	9.96	ng		99
34) Hexachlorobutadiene	8.26	225	205297	42.37	ng		99
35) Caprolactam	8.58	113	110608m	43.03	ng		
36) 4-Chloro-3-methylphenol	8.69	107	437249	51.32	ng		98
37) 2-Methylnaphthalene	8.84	142	914105	49.34	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	377732	48.98	ng		99
40) Hexachlorocyclopentadiene	8.99	237	321614	92.43	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	266274	52.54	ng		91
43) 2,4,5-Trichlorophenol	9.17	196	292452	52.67	ng	#	83
45) 1,1'-Biphenyl	9.30	154	1015381	51.04	ng		97
46) 2-Chloronaphthalene	9.32	162	819162	52.64	ng		96
47) 2-Nitroaniline	9.42	65	279097	53.34	ng		96
48) Acenaphthylene	9.74	152	1361006	50.62	ng		98
49) Dimethylphthalate	9.61	163	1028006	55.55	ng		100
50) 2,6-Dinitrotoluene	9.66	165	211476	52.92	ng	#	73
51) Acenaphthene	9.90	154	783041	48.72	ng		96
52) 3-Nitroaniline	9.84	138	109700	23.99	ng		90
53) 2,4-Dinitrophenol	9.95	184	214142	103.83	ng	#	79
54) Dibenzofuran	10.09	168	1176898	54.74	ng	#	88
55) 4-Nitrophenol	10.02	139	335324	101.80	ng	#	67
56) 2,4-Dinitrotoluene	10.08	165	298456	56.09	ng		92
57) Fluorene	10.42	166	833376	50.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	225034	60.75	ng		98
59) Diethylphthalate	10.30	149	1020846	58.54	ng		96
60) 4-Chlorophenyl-phenylether	10.42	204	414656	52.18	ng	#	76
61) 4-Nitroaniline	10.45	138	226603	48.37	ng		92
62) Azobenzene	10.58	77	1108941	61.55	ng		89
64) 4,6-Dinitro-2-methylphenol	10.49	198	160887	50.90	ng		95
65) n-Nitrosodiphenylamine	10.53	169	759522	45.93	ng		100
66) 4-Bromophenyl-phenylether	10.90	248	240864	44.54	ng		92
67) Hexachlorobenzene	10.97	284	230529	43.14	ng	#	82
68) Atrazine	11.07	200	219592	41.38	ng		90
69) Pentachlorophenol	11.17	266	274785	97.84	ng		98
70) Phenanthrene	11.38	178	1229477	41.46	ng		99
71) Anthracene	11.44	178	1425725	47.88	ng		98
72) Carbazole	11.60	167	1340562	47.09	ng		98
73) Di-n-butylphthalate	11.92	149	1417479	46.04	ng		98
74) Fluoranthene	12.57	202	1297473	42.42	ng		99
76) Benzidine	12.69	184	71665	3.72	ng		96
77) Pyrene	12.80	202	1330061	39.36	ng		99
79) Butylbenzylphthalate	13.41	149	640499	46.67	ng		92
80) Benzo(a)anthracene	13.99	228	1125479	40.75	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	236435	24.01	ng	#	95
82) Chrysene	14.02	228	960032	37.12	ng		100
83) Bis(2-ethylhexyl)phthalate	13.97	149	869980	46.35	ng	#	97
84) Di-n-octyl phthalate	14.58	149	1456577	47.66	ng		100
85) Indeno(1,2,3-cd)pyrene	16.82	276	799590	39.92	ng	#	94
87) Benzo(b)fluoranthene	15.01	252	1031553m	49.35	ng		
88) Benzo(k)fluoranthene	15.04	252	884922m	49.03	ng		
89) Benzo(a)pyrene	15.36	252	881869	48.77	ng	#	97
90) Dibenzo(a,h)anthracene	16.82	278	663681	45.41	ng	#	94
91) Benzo(g,h,i)perylene	17.23	276	682732	46.24	ng	#	91

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

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