Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096008.D
Acq On : 19 Jun 2017 16:12
Operator : SJ/MA
Sample : I3715-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC061417-1MS

Manual Integrations APPROVED
mohammad
6/20/2017 4:28:51 PM

Quant Time: Jun 20 01:43:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	68928	20.00	ng		-0.02
21) Naphthalene-d8	9.33	136	287692	20.00	ng		-0.02
38) Acenaphthene-d10	12.16	164	124871	20.00	ng		-0.02
63) Phenanthrene-d10	14.55	188	213993	20.00	ng		-0.02
75) Chrysene-d12	18.27	240	131017	20.00	ng		-0.02
86) Perylene-d12	19.94	264	130779	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	664613	153.64	ng		-0.01
7) Phenol-d6	6.89	99	771417	148.96	ng		-0.02
23) Nitrobenzene-d5	8.23	82	462931	99.93	ng		-0.02
41) 2,4,6-Tribromophenol	13.46	330	149973	135.74	ng		-0.02
44) 2-Fluorobiphenyl	11.12	172	890193	99.20	ng		-0.02
78) Terphenyl-d14	16.93	244	625678	118.52	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.69	88	79027	38.40	ng	#	93
3) Pyridine	2.23	79	204072	42.19	ng		98
4) n-Nitrosodimethylamine	2.20	42	84299	45.85	ng		82
6) Aniline	6.81	93	151600	22.38	ng		95
8) 2-Chlorophenol	6.99	128	238024	51.75	ng		95
9) Benzaldehyde	6.62	77	67087	19.21	ng		97
10) Phenol	6.90	94	297245	55.33	ng		88
11) bis(2-Chloroethyl)ether	6.95	93	206861	48.61	ng		98
12) 1,3-Dichlorobenzene	7.20	146	246855	47.42	ng		98
13) 1,4-Dichlorobenzene	7.33	146	255110	48.32	ng		96
14) 1,2-Dichlorobenzene	7.56	146	237460	48.79	ng		97
15) Benzyl Alcohol	7.62	79	187702	52.81	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.80	45	302559	50.60	ng		96
17) 2-Methylphenol	7.85	107	196312	50.86	ng		96
18) Hexachloroethane	8.07	117	85741	49.17	ng	#	82
19) n-Nitroso-di-n-propylamine	8.05	70	166286	50.67	ng		94
20) 3+4-Methylphenols	8.13	107	252125	51.46	ng	#	61
22) Acetophenone	8.00	105	329462	48.93	ng	#	83
24) Nitrobenzene	8.26	77	235292	47.55	ng		94
25) Isophorone	8.66	82	417773	48.30	ng		96
26) 2-Nitrophenol	8.77	139	129553	50.00	ng		96
27) 2,4-Dimethylphenol	8.93	122	192598	47.89	ng		96
28) bis(2-Chloroethoxy)methane	9.04	93	275970	48.40	ng		99
29) 2,4-Dichlorophenol	9.20	162	193003	49.83	ng		99
30) 1,2,4-Trichlorobenzene	9.27	180	193099	47.92	ng		99
31) Naphthalene	9.37	128	677098	46.90	ng		99
32) Benzoic acid	9.25	122	16422	10.95	ng		97
33) 4-Chloroaniline	9.55	127	67705m	12.00	ng		
34) Hexachlorobutadiene	9.59	225	98838	47.47	ng		98
35) Caprolactam	10.16	113	57566m	49.95	ng		
36) 4-Chloro-3-methylphenol	10.42	107	199545	49.22	ng		90
37) 2-Methylnaphthalene	10.50	142	454892	46.63	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.78	216	177781	47.57	ng		99
40) Hexachlorocyclopentadiene	10.75	237	54212	51.02	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.02	196	119500	49.73	ng		99
43) 2,4,5-Trichlorophenol	11.11	196	112931	44.19	ng		94
45) 1,1'-Biphenyl	11.27	154	502101	48.79	ng		97
46) 2-Chloronaphthalene	11.28	162	389408	48.43	ng		96
47) 2-Nitroaniline	11.51	65	111943	47.57	ng	#	83
48) Acenaphthylene	11.93	152	590392	42.94	ng		99
49) Dimethylphthalate	11.83	163	579937	61.17	ng		99
50) 2,6-Dinitrotoluene	11.93	165	94030	45.47	ng	#	71
51) Acenaphthene	12.21	154	353988	44.57	ng		98
52) 3-Nitroaniline	12.19	138	59684	24.77	ng		89
53) 2,4-Dinitrophenol	12.43	184	52516m	47.69	ng		
54) Dibenzofuran	12.50	168	538743	48.20	ng		97
55) 4-Nitrophenol	12.62	139	105314	75.16	ng	#	73
56) 2,4-Dinitrotoluene	12.60	165	135515	48.52	ng		94
57) Fluorene	13.05	166	433448	44.56	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.76	232	88684	50.71	ng	#	92
59) Diethylphthalate	12.97	149	443001	48.55	ng		99
60) 4-Chlorophenyl-phenylether	13.08	204	197552	46.70	ng		89
61) 4-Nitroaniline	13.20	138	93014	41.35	ng		96
62) Azobenzene	13.34	77	402882	48.72	ng		93
64) 4,6-Dinitro-2-methylphenol	13.27	198	48484	34.47	ng	#	82
65) n-Nitrosodiphenylamine	13.30	169	369519	48.06	ng		98
66) 4-Bromophenyl-phenylether	13.86	248	108111	48.61	ng		96
67) Hexachlorobenzene	13.94	284	104492	47.68	ng	#	88
68) Atrazine	14.22	200	111083	51.91	ng		95
69) Pentachlorophenol	14.32	266	58510	71.20	ng		99
70) Phenanthrene	14.59	178	576712	46.71	ng		98
71) Anthracene	14.67	178	593935	46.08	ng		98
72) Carbazole	14.97	167	540443	43.02	ng		97
73) Di-n-butylphthalate	15.57	149	678810	50.79	ng		98
74) Fluoranthene	16.37	202	528065	43.21	ng		99
76) Benzidine	16.61	184	118949	23.64	ng	#	93
77) Pyrene	16.67	202	521434	53.34	ng		98
79) Butylbenzylphthalate	17.60	149	243505	57.03	ng	#	86
80) Benzo(a)anthracene	18.26	228	363019	47.66	ng		98
81) 3,3'-Dichlorobenzidine	18.25	252	93324	34.46	ng	#	97
82) Chrysene	18.31	228	361562	47.50	ng		98
83) Bis(2-ethylhexyl)phthalate	18.35	149	333714	55.41	ng	#	99
84) Di-n-octyl phthalate	19.12	149	504340	50.82	ng		96
85) Indeno(1,2,3-cd)pyrene	21.10	276	371830	57.09	ng		99
87) Benzo(b)fluoranthene	19.54	252	368775	45.03	ng		98
88) Benzo(k)fluoranthene	19.57	252	331512	42.35	ng		96
89) Benzo(a)pyrene	19.89	252	348923	46.36	ng		99
90) Dibenzo(a,h)anthracene	21.10	278	311811	48.84	ng		98
91) Benzo(g,h,i)perylene	21.42	276	314267	48.28	ng		99

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

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