Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061217\
Data File : BF095879.D
Acq On : 12 Jun 2017 19:01
Operator : SJ/MA
Sample : I3583-06MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-2342MS

Manual Integrations APPROVED
mohammad
6/13/2017 4:10:26 PM

Quant Time: Jun 13 06:00:34 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	66792	20.00	ng		-0.05
21) Naphthalene-d8	9.38	136	279198	20.00	ng		-0.05
38) Acenaphthene-d10	12.20	164	130007	20.00	ng		-0.05
63) Phenanthrene-d10	14.60	188	239782	20.00	ng		-0.05
75) Chrysene-d12	18.32	240	180751	20.00	ng		-0.04
86) Perylene-d12	19.99	264	127243	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	618609	147.58	ng		0.00
7) Phenol-d6	6.92	99	673027	134.12	ng		-0.04
23) Nitrobenzene-d5	8.27	82	470339	104.62	ng		-0.05
41) 2,4,6-Tribromophenol	13.51	330	167335	145.48	ng		-0.04
44) 2-Fluorobiphenyl	11.16	172	927769	99.31	ng		-0.05
78) Terphenyl-d14	16.98	244	766225	105.20	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	1.88	88	83717	41.983	ng	#	80
3) Pyridine	2.43	79	165704m	35.357	ng		
4) n-Nitrosodimethylamine	2.33	42	85760	48.133	ng	#	79
6) Aniline	6.87	93	57201	8.713	ng		94
8) 2-Chlorophenol	7.04	128	237297	53.243	ng		98
9) Benzaldehyde	6.69	77	30883	9.124	ng		98
10) Phenol	6.94	94	257157	49.401	ng		92
11) bis(2-Chloroethyl)ether	7.00	93	214226	51.950	ng		96
12) 1,3-Dichlorobenzene	7.25	146	247367	49.036	ng		99
13) 1,4-Dichlorobenzene	7.37	146	249025	48.678	ng		97
14) 1,2-Dichlorobenzene	7.60	146	235487	49.932	ng		97
15) Benzyl Alcohol	7.66	79	188452	54.715	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.85	45	301144	51.977	ng		95
17) 2-Methylphenol	7.89	107	196370	52.502	ng		96
18) Hexachloroethane	8.12	117	85579	50.650	ng	#	87
19) n-Nitroso-di-n-propylamine	8.09	70	169321	53.244	ng		94
20) 3+4-Methylphenols	8.16	107	249153	52.478	ng	#	61
22) Acetophenone	8.05	105	339284	51.919	ng	#	83
24) Nitrobenzene	8.29	77	237336	49.422	ng		93
25) Isophorone	8.70	82	431666	51.424	ng		95
26) 2-Nitrophenol	8.81	139	133521	53.096	ng		98
27) 2,4-Dimethylphenol	8.96	122	209477	53.677	ng		98
28) bis(2-Chloroethoxy)methane	9.08	93	282691	51.089	ng		99
29) 2,4-Dichlorophenol	9.24	162	200475	53.339	ng		99
30) 1,2,4-Trichlorobenzene	9.32	180	197320	50.454	ng		98
31) Naphthalene	9.42	128	718485	51.276	ng		99
32) Benzoic acid	9.35	122	89234	37.803	ng		93
33) 4-Chloroaniline	9.60	127	58509	10.683	ng	#	90
34) Hexachlorobutadiene	9.63	225	98117	48.555	ng		97
35) Caprolactam	10.22	113	51430m	45.986	ng		
36) 4-Chloro-3-methylphenol	10.45	107	203890	51.822	ng		89
37) 2-Methylnaphthalene	10.55	142	490507	51.811	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.82	216	189691	48.753	ng		98
40) Hexachlorocyclopentadiene	10.79	237	100625	82.153	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.06	196	127106	50.809	ng		98
43) 2,4,5-Trichlorophenol	11.15	196	125775	47.267	ng		93
45) 1,1'-Biphenyl	11.31	154	543043	50.680	ng		97
46) 2-Chloronaphthalene	11.33	162	421866	50.390	ng		96
47) 2-Nitroaniline	11.55	65	123514	50.415	ng	#	81
48) Acenaphthylene	11.97	152	668254	46.679	ng		98
49) Dimethylphthalate	11.87	163	412631	41.802	ng		99
50) 2,6-Dinitrotoluene	11.97	165	106820	49.613	ng	#	81
51) Acenaphthene	12.26	154	395258	47.805	ng		98
52) 3-Nitroaniline	12.23	138	64939	25.888	ng		83
53) 2,4-Dinitrophenol	12.45	184	106298	86.610	ng	#	70
54) Dibenzofuran	12.55	168	605580	52.040	ng		98
55) 4-Nitrophenol	12.64	139	108625	74.503	ng	#	74
56) 2,4-Dinitrotoluene	12.64	165	150611	51.790	ng	#	89
57) Fluorene	13.10	166	480054	47.404	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.80	232	100631	55.272	ng	#	89
59) Diethylphthalate	13.02	149	430786	45.348	ng		99
60) 4-Chlorophenyl-phenylether	13.13	204	213676	48.520	ng		90
61) 4-Nitroaniline	13.24	138	111227	47.490	ng		97
62) Azobenzene	13.39	77	415287	48.236	ng		95
64) 4,6-Dinitro-2-methylphenol	13.31	198	73065	46.358	ng	#	71
65) n-Nitrosodiphenylamine	13.34	169	413434	47.984	ng		100
66) 4-Bromophenyl-phenylether	13.91	248	121263	48.660	ng		97
67) Hexachlorobenzene	13.99	284	120885	49.228	ng	#	87
68) Atrazine	14.27	200	113811	47.463	ng		98
69) Pentachlorophenol	14.36	266	69193	74.782	ng		99
70) Phenanthrene	14.64	178	673111	48.652	ng		98
71) Anthracene	14.73	178	686745	47.546	ng		97
72) Carbazole	15.02	167	639889	45.460	ng		98
73) Di-n-butylphthalate	15.62	149	770130	51.427	ng		99
74) Fluoranthene	16.42	202	669072	48.860	ng		99
76) Benzidine	16.67	184	17285	2.490	ng	#	92
77) Pyrene	16.72	202	690082	51.167	ng		99
79) Butylbenzylphthalate	17.64	149	310513	52.718	ng	#	87
80) Benzo(a)anthracene	18.31	228	511274	48.651	ng		99
81) 3,3'-Dichlorobenzidine	18.29	252	83069	22.233	ng	#	98
82) Chrysene	18.36	228	494954	47.129	ng		99
83) Bis(2-ethylhexyl)phthalate	18.40	149	432610	52.067	ng	#	100
84) Di-n-octyl phthalate	19.16	149	657511	48.025	ng		96
85) Indeno(1,2,3-cd)pyrene	21.16	276	381140	42.416	ng		99
87) Benzo(b)fluoranthene	19.58	252	407757	51.177	ng		97
88) Benzo(k)fluoranthene	19.61	252	358570	47.083	ng		95
89) Benzo(a)pyrene	19.93	252	356624	48.698	ng		99
90) Dibenzo(a,h)anthracene	21.15	278	320702	51.627	ng		95
91) Benzo(g,h,i)perylene	21.48	276	341666	53.950	ng		97

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

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