Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021915\
Data File : BF077370.D
Acq On : 19 Feb 2015 12:51
Operator : TP/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
apatel
2/20/2015 2:03:59 PM

Quant Time: Feb 19 15:08:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 19 14:49:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	69710	20.00	ng		0.00
21) Naphthalene-d8	8.91	136	294275	20.00	ng		0.00
38) Acenaphthene-d10	11.09	164	176380	20.00	ng		0.00
63) Phenanthrene-d10	12.93	188	303546	20.00	ng		0.00
75) Chrysene-d12	16.28	240	314591	20.00	ng		0.06
86) Perylene-d12	18.15	264	320542	20.00	ng		0.19
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	653849	159.86	ng		0.00
7) Phenol-d6	6.89	99	845523	158.96	ng		0.01
23) Nitrobenzene-d5	8.03	82	719452	166.21	ng		0.00
41) 2,4,6-Tribromophenol	12.08	330	267026	173.37	ng		0.01
44) 2-Fluorobiphenyl	10.26	172	1543853	133.51	ng		0.00
78) Terphenyl-d14	14.95	244	1995276	145.67	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	149340	84.65	ng		96
3) Pyridine	3.02	79	402595	84.66	ng		99
4) n-Nitrosodimethylamine	2.96	42	181085	80.06	ng		97
6) Aniline	6.92	93	581133	77.30	ng		95
8) 2-Chlorophenol	7.07	128	387731	80.95	ng		86
9) Benzaldehyde	6.78	77	205183	62.63	ng		94
10) Phenol	6.90	94	465975	74.56	ng		91
11) bis(2-Chloroethyl)ether	7.02	93	373495	80.93	ng		93
12) 1,3-Dichlorobenzene	7.26	146	429907	79.85	ng	#	89
13) 1,4-Dichlorobenzene	7.36	146	417830	75.27	ng		98
14) 1,2-Dichlorobenzene	7.54	146	388012	72.55	ng		97
15) Benzyl Alcohol	7.52	79	335233	83.17	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.70	45	511686	74.00	ng		100
17) 2-Methylphenol	7.65	107	301308	78.45	ng		98
18) Hexachloroethane	7.96	117	144061	79.63	ng		91
19) n-Nitroso-di-n-propylamine	7.86	70	276317	75.71	ng	#	92
20) 3+4-Methylphenols	7.85	107	387506	77.88	ng	#	79
22) Acetophenone	7.85	105	536972	78.27	ng	#	91
24) Nitrobenzene	8.05	77	397384	85.93	ng		89
25) Isophorone	8.35	82	727900	75.93	ng		97
26) 2-Nitrophenol	8.44	139	164663	122.31	ng		93
27) 2,4-Dimethylphenol	8.50	122	339773	77.38	ng		98
28) bis(2-Chloroethoxy)methane	8.62	93	432955	71.02	ng		99
29) 2,4-Dichlorophenol	8.74	162	351001	91.95	ng		94
30) 1,2,4-Trichlorobenzene	8.84	180	353933	74.48	ng		98
31) Naphthalene	8.94	128	1137936	77.24	ng		99
32) Benzoic acid	8.61	122	177918m	137.00	ng		
33) 4-Chloroaniline	9.01	127	517121	81.20	ng	#	94
34) Hexachlorobutadiene	9.09	225	194593	74.55	ng		98
35) Caprolactam	9.46	113	104944	89.06	ng		98
36) 4-Chloro-3-methylphenol	9.61	107	346900	83.01	ng		90
37) 2-Methylnaphthalene	9.80	142	800035	75.18	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.01	216	367843	72.11	ng		99
40) Hexachlorocyclopentadiene	10.00	237	218748	85.60	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.14	196	246697	85.01	ng		98
43) 2,4,5-Trichlorophenol	10.19	196	269156	86.23	ng	#	91
45) 1,1'-Biphenyl	10.38	154	951289	67.95	ng		97
46) 2-Chloronaphthalene	10.41	162	768042	73.57	ng		96
47) 2-Nitroaniline	10.53	65	220304	106.05	ng	#	81
48) Acenaphthylene	10.92	152	1233341	72.19	ng		99
49) Dimethylphthalate	10.77	163	889732	73.15	ng		99
50) 2,6-Dinitrotoluene	10.84	165	195704	94.17	ng	#	67
51) Acenaphthene	11.14	154	710684	69.80	ng		99
52) 3-Nitroaniline	11.05	138	243066	98.62	ng		87
53) 2,4-Dinitrophenol	11.17	184	67548	177.71	ng	#	74
54) Dibenzofuran	11.35	168	1084003	70.00	ng		96
55) 4-Nitrophenol	11.24	139	167896	97.67	ng	#	70
56) 2,4-Dinitrotoluene	11.33	165	245800	98.13	ng	#	75
57) Fluorene	11.78	166	890199	73.06	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.49	232	218312	93.02	ng		97
59) Diethylphthalate	11.65	149	905257	72.20	ng		96
60) 4-Chlorophenyl-phenylether	11.78	204	406095	68.81	ng		93
61) 4-Nitroaniline	11.80	138	208208	87.80	ng		98
62) Azobenzene	11.97	77	843067	68.11	ng		94
64) 4,6-Dinitro-2-methylphenol	11.84	198	96757	160.06	ng	#	56
65) n-Nitrosodiphenylamine	11.93	169	748267	75.74	ng		99
66) 4-Bromophenyl-phenylether	12.39	248	271512	80.38	ng	#	90
67) Hexachlorobenzene	12.45	284	295069	77.68	ng	#	83
68) Atrazine	12.60	200	248433	83.33	ng		96
69) Pentachlorophenol	12.69	266	173282	117.31	ng		98
70) Phenanthrene	12.97	178	1316855	75.28	ng		98
71) Anthracene	13.04	178	1357921	78.05	ng		100
72) Carbazole	13.23	167	1227312	79.13	ng		98
73) Di-n-butylphthalate	13.69	149	1505312	79.36	ng		100
74) Fluoranthene	14.45	202	1472060	82.00	ng		96
76) Benzidine	14.63	184	719905	75.04	ng		99
77) Pyrene	14.73	202	1415722	73.71	ng		98
79) Butylbenzylphthalate	15.56	149	657308	92.79	ng	#	85
80) Benzo(a)anthracene	16.26	228	1406627	77.16	ng		98
81) 3,3'-Dichlorobenzidine	16.24	252	514465	84.40	ng	#	97
82) Chrysene	16.32	228	1327884	77.16	ng		100
83) Bis(2-ethylhexyl)phthalate	16.33	149	1008574	83.58	ng		99
84) Di-n-octyl phthalate	17.19	149	1730850m	91.74	ng		
85) Indeno(1,2,3-cd)pyrene	19.68	276	1595713m	81.65	ng		
87) Benzo(b)fluoranthene	17.67	252	1391047m	67.78	ng		
88) Benzo(k)fluoranthene	17.70	252	1337694	79.87	ng		98
89) Benzo(a)pyrene	18.08	252	1340884	75.05	ng	#	97
90) Dibenzo(a,h)anthracene	19.71	278	1302441m	73.02	ng		
91) Benzo(g,h,i)perylene	20.12	276	1347303m	75.49	ng		

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

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