Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082173.D
Acq On : 10 Oct 2015 13:33
Operator : UM/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:31:11 PM

Quant Time: Oct 12 01:20:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 00:52:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	90636	20.00	ng		0.01
21) Naphthalene-d8	8.14	136	357116	20.00	ng		0.01
38) Acenaphthene-d10	9.89	164	172744	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	331493	20.00	ng		0.00
75) Chrysene-d12	14.02	240	253799	20.00	ng		0.01
86) Perylene-d12	15.44	264	216619	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	724252	145.91	ng		0.00
7) Phenol-d6	6.49	99	906759	144.36	ng		0.01
23) Nitrobenzene-d5	7.42	82	863424	160.34	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	272716	157.58	ng		0.01
44) 2-Fluorobiphenyl	9.21	172	1415807	129.56	ng		0.00
78) Terphenyl-d14	12.96	244	1481023	163.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	172094	79.34	ng		98
3) Pyridine	3.14	79	467471	84.42	ng		99
4) n-Nitrosodimethylamine	3.13	42	190697	75.26	ng		96
6) Aniline	6.51	93	607454	72.41	ng		99
8) 2-Chlorophenol	6.63	128	401581	72.63	ng		86
9) Benzaldehyde	6.39	77	214394	53.42	ng		97
10) Phenol	6.50	94	544706	77.03	ng		88
11) bis(2-Chloroethyl)ether	6.58	93	414123	74.24	ng		92
12) 1,3-Dichlorobenzene	6.78	146	471446	72.24	ng		97
13) 1,4-Dichlorobenzene	6.86	146	481281	70.54	ng		98
14) 1,2-Dichlorobenzene	7.02	146	481873	79.28	ng		95
15) Benzyl Alcohol	6.99	79	308376	68.47	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	605224	78.38	ng		97
17) 2-Methylphenol	7.11	107	334288	74.94	ng		99
18) Hexachloroethane	7.35	117	167536	77.66	ng		94
19) n-Nitroso-di-n-propylamine	7.28	70	320089	83.39	ng		93
20) 3+4-Methylphenols	7.27	107	366564	65.47	ng		94
22) Acetophenone	7.27	105	542537	74.74	ng	#	98
24) Nitrobenzene	7.44	77	431550	75.43	ng		97
25) Isophorone	7.68	82	849140	80.04	ng		98
26) 2-Nitrophenol	7.75	139	227548	80.34	ng	#	85
27) 2,4-Dimethylphenol	7.79	122	380073	78.58	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	460644	71.86	ng		98
29) 2,4-Dichlorophenol	8.00	162	382722	79.77	ng		95
30) 1,2,4-Trichlorobenzene	8.07	180	400119	75.12	ng		96
31) Naphthalene	8.16	128	1195811	75.48	ng		99
32) Benzoic acid	7.97	122	297073	110.61	ng		95
33) 4-Chloroaniline	8.21	127	494991	72.59	ng		96
34) Hexachlorobutadiene	8.26	225	243752	76.94	ng		99
35) Caprolactam	8.62	113	111364	83.39	ng	#	79
36) 4-Chloro-3-methylphenol	8.70	107	343966	74.23	ng		97
37) 2-Methylnaphthalene	8.85	142	785382	72.68	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	410471	78.02	ng		98
40) Hexachlorocyclopentadiene	8.99	237	214125	81.62	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	280368	78.56	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	298269	80.13	ng	#	95
45) 1,1'-Biphenyl	9.31	154	954487	72.13	ng		97
46) 2-Chloronaphthalene	9.34	162	731225	70.30	ng	#	93
47) 2-Nitroaniline	9.44	65	238171	78.14	ng		89
48) Acenaphthylene	9.75	152	1167033	69.72	ng		99
49) Dimethylphthalate	9.62	163	899262	76.38	ng		99
50) 2,6-Dinitrotoluene	9.69	165	226719	86.85	ng	#	86
51) Acenaphthene	9.92	154	699322	70.22	ng		98
52) 3-Nitroaniline	9.86	138	243338	81.87	ng		98
53) 2,4-Dinitrophenol	9.97	184	117467	123.23	ng	#	86
54) Dibenzofuran	10.09	168	983165	69.80	ng		97
55) 4-Nitrophenol	10.02	139	163016	77.84	ng		98
56) 2,4-Dinitrotoluene	10.09	165	255171	77.52	ng		92
57) Fluorene	10.43	166	771078	68.91	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	244751	83.08	ng		98
59) Diethylphthalate	10.32	149	936938	84.35	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	406848	79.32	ng	#	82
61) 4-Nitroaniline	10.48	138	228874	76.07	ng		96
62) Azobenzene	10.59	77	887237	81.87	ng		89
64) 4,6-Dinitro-2-methylphenol	10.50	198	165099	108.02	ng		90
65) n-Nitrosodiphenylamine	10.56	169	788892	78.73	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	267008	79.83	ng	#	82
67) Hexachlorobenzene	10.98	284	263043	70.43	ng	#	75
68) Atrazine	11.09	200	235608	76.27	ng		99
69) Pentachlorophenol	11.18	266	162209	76.46	ng		99
70) Phenanthrene	11.41	178	1242227	71.59	ng		99
71) Anthracene	11.45	178	1163011	68.44	ng		99
72) Carbazole	11.61	167	1134409	74.63	ng		98
73) Di-n-butylphthalate	11.93	149	1318243	75.87	ng		99
74) Fluoranthene	12.58	202	1261814	70.23	ng		96
76) Benzidine	12.72	184	550095	73.22	ng		97
77) Pyrene	12.82	202	1311806	87.72	ng		100
79) Butylbenzylphthalate	13.43	149	613519	106.52	ng		91
80) Benzo(a)anthracene	14.01	228	1102971	81.40	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	429405	93.22	ng	#	95
82) Chrysene	14.05	228	1090271	83.97	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	791603	105.56	ng		98
84) Di-n-octyl phthalate	14.61	149	1425280	116.33	ng		100
85) Indeno(1,2,3-cd)pyrene	16.87	276	907255	85.98	ng		100
87) Benzo(b)fluoranthene	15.04	252	1002719	79.17	ng	#	98
88) Benzo(k)fluoranthene	15.08	252	885526m	78.98	ng		
89) Benzo(a)pyrene	15.40	252	866698	80.36	ng		98
90) Dibenzo(a,h)anthracene	16.88	278	741257	82.29	ng		98
91) Benzo(g,h,i)perylene	17.29	276	737881	80.69	ng		98

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

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