Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
Data File : BF080845.D
Acq On : 4 Aug 2015 18:44
Operator : TP/UM
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
MMDadoda
8/5/2015 7:00:28 PM

Quant Time: Aug 05 01:28:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 05 00:58:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	63976	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	243642	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	97710	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	163866	20.00	ng		0.00
75) Chrysene-d12	13.96	240	100658	20.00	ng		0.00
86) Perylene-d12	15.37	264	91160	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	425744	109.28	ng		0.00
7) Phenol-d6	6.45	99	538344	103.24	ng		0.00
23) Nitrobenzene-d5	7.39	82	486721	96.58	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	97450	104.97	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	652258	97.77	ng		0.00
78) Terphenyl-d14	12.92	244	582998	112.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	101015	50.43	ng		98
3) Pyridine	3.16	79	314127	58.20	ng		99
4) n-Nitrosodimethylamine	3.12	42	148536	50.95	ng		98
6) Aniline	6.49	93	384670	51.18	ng		100
8) 2-Chlorophenol	6.61	128	231628	53.46	ng		94
9) Benzaldehyde	6.37	77	183610	55.43	ng		98
10) Phenol	6.48	94	328263	53.60	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	248034	55.94	ng		95
12) 1,3-Dichlorobenzene	6.77	146	240823m	49.78	ng		
13) 1,4-Dichlorobenzene	6.84	146	233823	48.93	ng		99
14) 1,2-Dichlorobenzene	7.00	146	232330	51.70	ng		97
15) Benzyl Alcohol	6.97	79	180419	50.37	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	476061	54.36	ng		97
17) 2-Methylphenol	7.08	107	193065	50.71	ng		98
18) Hexachloroethane	7.34	117	95571	53.40	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	174892	51.46	ng	#	88
20) 3+4-Methylphenols	7.24	107	238689	53.69	ng	#	79
22) Acetophenone	7.24	105	287747	48.34	ng	#	90
24) Nitrobenzene	7.41	77	286553	56.23	ng		92
25) Isophorone	7.65	82	441597	49.29	ng		97
26) 2-Nitrophenol	7.72	139	106875	49.43	ng		96
27) 2,4-Dimethylphenol	7.77	122	210553m	51.12	ng		
28) bis(2-Chloroethoxy)methane	7.86	93	256725	47.71	ng		99
29) 2,4-Dichlorophenol	7.96	162	162454	47.02	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	190428	50.53	ng		98
31) Naphthalene	8.13	128	651258	53.48	ng		99
32) Benzoic acid	7.88	122	138603m	55.79	ng		
33) 4-Chloroaniline	8.18	127	241361	47.39	ng		97
34) Hexachlorobutadiene	8.26	225	109213	47.65	ng		97
35) Caprolactam	8.56	113	50747	53.21	ng	#	88
36) 4-Chloro-3-methylphenol	8.66	107	183436	49.27	ng		95
37) 2-Methylnaphthalene	8.82	142	359891	47.54	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	166477	52.96	ng		98
40) Hexachlorocyclopentadiene	8.98	237	106889	55.95	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	110203	49.83	ng		99
43) 2,4,5-Trichlorophenol	9.14	196	112572	51.91	ng	#	78
45) 1,1'-Biphenyl	9.29	154	453098	59.93	ng		98
46) 2-Chloronaphthalene	9.31	162	352478	56.91	ng		97
47) 2-Nitroaniline	9.40	65	135635	58.32	ng		94
48) Acenaphthylene	9.72	152	566983	57.38	ng		99
49) Dimethylphthalate	9.58	163	322905	48.39	ng		99
50) 2,6-Dinitrotoluene	9.64	165	71207	49.47	ng		92
51) Acenaphthene	9.89	154	340559	56.91	ng		99
52) 3-Nitroaniline	9.81	138	97648	57.99	ng		82
53) 2,4-Dinitrophenol	9.92	184	48499	62.80	ng	#	84
54) Dibenzofuran	10.06	168	448318	56.74	ng		96
55) 4-Nitrophenol	9.96	139	64154	53.50	ng		92
56) 2,4-Dinitrotoluene	10.04	165	89412	48.84	ng		89
57) Fluorene	10.41	166	354207	58.42	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	79946	50.91	ng		97
59) Diethylphthalate	10.28	149	347291	53.87	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	140217	47.07	ng		97
61) 4-Nitroaniline	10.42	138	78002	49.56	ng		95
62) Azobenzene	10.56	77	412072	55.93	ng		98
64) 4,6-Dinitro-2-methylphenol	10.45	198	58666	56.07	ng		71
65) n-Nitrosodiphenylamine	10.52	169	322180	55.98	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	91928	50.17	ng		92
67) Hexachlorobenzene	10.96	284	99234	49.22	ng	#	65
68) Atrazine	11.05	200	86698	65.43	ng		96
69) Pentachlorophenol	11.14	266	54658	49.40	ng		97
70) Phenanthrene	11.37	178	452698	52.83	ng		99
71) Anthracene	11.41	178	452169	51.76	ng		99
72) Carbazole	11.57	167	423269	57.72	ng		97
73) Di-n-butylphthalate	11.90	149	511565	55.72	ng		100
74) Fluoranthene	12.54	202	456147	54.14	ng		98
76) Benzidine	12.67	184	269904	83.86	ng		99
77) Pyrene	12.77	202	476219	61.27	ng		100
79) Butylbenzylphthalate	13.39	149	197479	64.98	ng		99
80) Benzo(a)anthracene	13.95	228	346384	59.09	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	130215	62.94	ng	#	92
82) Chrysene	14.00	228	355888	62.12	ng		97
83) Bis(2-ethylhexyl)phthalate	13.96	149	265880	69.34	ng		99
84) Di-n-octyl phthalate	14.57	149	454753	73.66	ng		99
85) Indeno(1,2,3-cd)pyrene	16.73	276	291953	56.17	ng		99
87) Benzo(b)fluoranthene	14.97	252	364428m	63.85	ng		
88) Benzo(k)fluoranthene	15.00	252	243294m	52.85	ng		
89) Benzo(a)pyrene	15.31	252	279471	59.65	ng		99
90) Dibenzo(a,h)anthracene	16.75	278	243483	54.48	ng		99
91) Benzo(g,h,i)perylene	17.14	276	234775	50.73	ng		98

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

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