Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
Data File : BF080702.D
Acq On : 30 Jul 2015 20:12
Operator : TP/UM
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
MMDadoda
7/31/2015 11:21:51 AM

Quant Time: Jul 31 01:24:37 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:18:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	183666	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	680735	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	337426	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	618127	20.00	ng		0.00
75) Chrysene-d12	14.00	240	422553	20.00	ng		0.00
86) Perylene-d12	15.41	264	356055	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	242226	21.34	ng		0.00
7) Phenol-d6	6.48	99	319217	24.87	ng		-0.01
23) Nitrobenzene-d5	7.41	82	334578	25.00	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	78682	25.23	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	494648	18.91	ng		-0.01
78) Terphenyl-d14	12.95	244	451841	18.07	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	53484	10.79	ng		98
3) Pyridine	3.23	79	159626	12.52	ng		99
4) n-Nitrosodimethylamine	3.15	42	82434	10.26	ng		97
6) Aniline	6.51	93	225860	12.48	ng		97
8) 2-Chlorophenol	6.64	128	135095	11.77	ng		82
9) Benzaldehyde	6.40	77	110998	13.06	ng		89
10) Phenol	6.49	94	188190	12.81	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	126268	12.26	ng	#	81
12) 1,3-Dichlorobenzene	6.80	146	151470m	10.98	ng		
13) 1,4-Dichlorobenzene	6.88	146	146188	10.66	ng		96
14) 1,2-Dichlorobenzene	7.02	146	147476	11.56	ng		94
15) Benzyl Alcohol	6.99	79	137025	13.00	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	292793	14.75	ng		99
17) 2-Methylphenol	7.10	107	107048	12.98	ng	#	92
18) Hexachloroethane	7.37	117	57645	12.60	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	115377	15.01	ng	#	92
20) 3+4-Methylphenols	7.25	107	142185	12.75	ng	#	89
22) Acetophenone	7.26	105	189113	10.95	ng	#	68
24) Nitrobenzene	7.44	77	150281	11.53	ng	#	79
25) Isophorone	7.68	82	271918	12.87	ng	#	92
26) 2-Nitrophenol	7.76	139	57575m	10.60	ng		
27) 2,4-Dimethylphenol	7.79	122	126234m	12.29	ng		
28) bis(2-Chloroethoxy)methane	7.88	93	160118	12.73	ng		97
29) 2,4-Dichlorophenol	7.98	162	103260	11.80	ng		92
30) 1,2,4-Trichlorobenzene	8.08	180	114307	10.52	ng		99
31) Naphthalene	8.16	128	390769m	11.73	ng		
32) Benzoic acid	7.86	122	73853m	13.52	ng		
33) 4-Chloroaniline	8.20	127	160932	13.01	ng	#	89
34) Hexachlorobutadiene	8.28	225	76333	11.19	ng		97
35) Caprolactam	8.54	113	31509	16.12	ng	#	88
36) 4-Chloro-3-methylphenol	8.68	107	113917	12.83	ng	#	80
37) 2-Methylnaphthalene	8.85	142	236580m	11.03	ng		
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	119374	9.89	ng		99
40) Hexachlorocyclopentadiene	9.00	237	66126	8.55	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	79400	9.81	ng		99
43) 2,4,5-Trichlorophenol	9.16	196	77736	10.31	ng	#	85
45) 1,1'-Biphenyl	9.31	154	294546	10.56	ng		97
46) 2-Chloronaphthalene	9.33	162	231688	9.96	ng		93
47) 2-Nitroaniline	9.42	65	93696	15.62	ng	#	74
48) Acenaphthylene	9.74	152	367734	9.96	ng		99
49) Dimethylphthalate	9.61	163	268168	12.05	ng		99
50) 2,6-Dinitrotoluene	9.66	165	51822	11.55	ng	#	76
51) Acenaphthene	9.92	154	215077	9.80	ng		98
52) 3-Nitroaniline	9.84	138	66808	13.10	ng	#	81
53) 2,4-Dinitrophenol	9.94	184	25038	18.24	ng	#	57
54) Dibenzofuran	10.09	168	297898	9.96	ng		97
55) 4-Nitrophenol	9.98	139	45712	12.85	ng		93
56) 2,4-Dinitrotoluene	10.06	165	71903	13.50	ng		94
57) Fluorene	10.43	166	237681	10.48	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	61146	11.80	ng		96
59) Diethylphthalate	10.30	149	239919	11.30	ng		96
60) 4-Chlorophenyl-phenylether	10.43	204	120394	12.04	ng	#	87
61) 4-Nitroaniline	10.44	138	56893	12.86	ng		83
62) Azobenzene	10.59	77	283752	13.55	ng		87
64) 4,6-Dinitro-2-methylphenol	10.48	198	32143	12.49	ng	#	39
65) n-Nitrosodiphenylamine	10.54	169	238767	11.36	ng		98
66) 4-Bromophenyl-phenylether	10.92	248	68180	10.24	ng	#	88
67) Hexachlorobenzene	10.98	284	83374	10.78	ng	#	80
68) Atrazine	11.07	200	67449	15.71	ng		95
69) Pentachlorophenol	11.17	266	44552	13.33	ng		98
70) Phenanthrene	11.39	178	361908	10.43	ng		99
71) Anthracene	11.45	178	340508	9.97	ng		97
72) Carbazole	11.60	167	324628	11.42	ng		97
73) Di-n-butylphthalate	11.94	149	366064	12.19	ng		98
74) Fluoranthene	12.58	202	328467	11.55	ng		95
76) Benzidine	12.69	184	158453	12.32	ng		98
77) Pyrene	12.80	202	342142	9.57	ng		99
79) Butylbenzylphthalate	13.43	149	115719	10.57	ng		96
80) Benzo(a)anthracene	13.99	228	266501	10.64	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	96111	14.05	ng	#	96
82) Chrysene	14.02	228	248891	9.93	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	153934	11.19	ng		98
84) Di-n-octyl phthalate	14.60	149	236140	13.27	ng		96
85) Indeno(1,2,3-cd)pyrene	16.79	276	175006	14.47	ng	#	87
87) Benzo(b)fluoranthene	15.00	252	255049m	10.31	ng		
88) Benzo(k)fluoranthene	15.04	252	154846m	6.59	ng		
89) Benzo(a)pyrene	15.36	252	184160	9.50	ng	#	97
90) Dibenzo(a,h)anthracene	16.81	278	149195	10.85	ng		98
91) Benzo(g,h,i)perylene	17.20	276	140725	10.47	ng		97

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

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