Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083731.D
Acq On : 13 Dec 2015 16:09
Operator : UM/IZ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:23:36 PM

Quant Time: Dec 14 01:22:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 00:56:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	134299	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	509720	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	255838	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	447542	20.00	ng		0.00
75) Chrysene-d12	14.07	240	309434	20.00	ng		0.00
86) Perylene-d12	15.49	264	250459	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	909079	105.42	ng		0.00
7) Phenol-d6	6.56	99	1183711	109.31	ng		0.01
23) Nitrobenzene-d5	7.48	82	1036771	134.42	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	298213	122.42	ng		0.01
44) 2-Fluorobiphenyl	9.29	172	1833464	104.67	ng		0.01
78) Terphenyl-d14	13.03	244	1552396	112.48	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	223420	52.45	ng		98
3) Pyridine	3.29	79	594067	53.92	ng		97
4) n-Nitrosodimethylamine	3.24	42	220461	49.75	ng		98
6) Aniline	6.58	93	792551	53.64	ng		97
8) 2-Chlorophenol	6.70	128	508294	52.39	ng		92
9) Benzaldehyde	6.46	77	271591	45.63	ng		96
10) Phenol	6.57	94	703974	55.37	ng		92
11) bis(2-Chloroethyl)ether	6.66	93	525334	58.43	ng		91
12) 1,3-Dichlorobenzene	6.86	146	581203	54.64	ng		97
13) 1,4-Dichlorobenzene	6.93	146	562032	53.24	ng		99
14) 1,2-Dichlorobenzene	7.09	146	500161	50.57	ng		97
15) Benzyl Alcohol	7.06	79	397484	51.03	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	637238	50.76	ng		100
17) 2-Methylphenol	7.17	107	424462	54.49	ng		97
18) Hexachloroethane	7.44	117	202657	56.01	ng		98
19) n-Nitroso-di-n-propylamine	7.34	70	357737	57.52	ng		96
20) 3+4-Methylphenols	7.33	107	512050	54.51	ng	#	79
22) Acetophenone	7.33	105	638471	51.42	ng	#	84
24) Nitrobenzene	7.50	77	560149	65.98	ng		92
25) Isophorone	7.74	82	1005473	58.67	ng		96
26) 2-Nitrophenol	7.82	139	288809	80.02	ng	#	73
27) 2,4-Dimethylphenol	7.86	122	499645	58.62	ng		93
28) bis(2-Chloroethoxy)methane	7.95	93	556002	57.90	ng		98
29) 2,4-Dichlorophenol	8.06	162	435417	62.55	ng		90
30) 1,2,4-Trichlorobenzene	8.14	180	409964	53.51	ng		99
31) Naphthalene	8.22	128	1367363	54.11	ng		99
32) Benzoic acid	7.98	122	352717	73.35	ng		98
33) 4-Chloroaniline	8.27	127	584544	54.20	ng		97
34) Hexachlorobutadiene	8.35	225	231713	54.12	ng		100
35) Caprolactam	8.65	113	145600	64.05	ng		94
36) 4-Chloro-3-methylphenol	8.75	107	444657	56.24	ng		92
37) 2-Methylnaphthalene	8.92	142	956800	59.38	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	363013	46.45	ng		99
40) Hexachlorocyclopentadiene	9.08	237	232768	60.94	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	300167	55.29	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	292671	54.41	ng	#	92
45) 1,1'-Biphenyl	9.38	154	1070543	48.35	ng		99
46) 2-Chloronaphthalene	9.40	162	859027	51.62	ng		99
47) 2-Nitroaniline	9.49	65	257990	58.29	ng		91
48) Acenaphthylene	9.82	152	1515773	54.48	ng		99
49) Dimethylphthalate	9.69	163	1127121	57.83	ng	#	99
50) 2,6-Dinitrotoluene	9.74	165	256048	66.63	ng	#	60
51) Acenaphthene	10.00	154	936211	56.21	ng		96
52) 3-Nitroaniline	9.90	138	243062	53.59	ng		83
53) 2,4-Dinitrophenol	10.01	184	115639	110.60	ng	#	72
54) Dibenzofuran	10.17	168	1209037	55.08	ng		93
55) 4-Nitrophenol	10.05	139	187970	49.82	ng	#	80
56) 2,4-Dinitrotoluene	10.14	165	340817	69.24	ng	#	65
57) Fluorene	10.51	166	893016	51.88	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	227411	58.51	ng		95
59) Diethylphthalate	10.38	149	1079384	57.62	ng		96
60) 4-Chlorophenyl-phenylether	10.50	204	429316	51.37	ng		93
61) 4-Nitroaniline	10.52	138	255346	62.76	ng		94
62) Azobenzene	10.66	77	1041196	57.87	ng		88
64) 4,6-Dinitro-2-methylphenol	10.54	198	143130	86.41	ng	#	54
65) n-Nitrosodiphenylamine	10.61	169	769762	50.71	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	291161	60.25	ng	#	65
67) Hexachlorobenzene	11.06	284	317241	60.40	ng	#	92
68) Atrazine	11.14	200	224107	51.02	ng		98
69) Pentachlorophenol	11.24	266	190812	64.40	ng		99
70) Phenanthrene	11.46	178	1189861	49.29	ng		99
71) Anthracene	11.52	178	1361455	53.26	ng		98
72) Carbazole	11.66	167	1272966	53.66	ng		98
73) Di-n-butylphthalate	12.00	149	1525853	59.77	ng		99
74) Fluoranthene	12.65	202	1369465	52.66	ng		96
76) Benzidine	12.76	184	559841	47.78	ng		98
77) Pyrene	12.88	202	1401993	56.90	ng		99
79) Butylbenzylphthalate	13.49	149	607800	73.09	ng		93
80) Benzo(a)anthracene	14.05	228	920122	50.78	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	385076	65.04	ng	#	98
82) Chrysene	14.09	228	871881	50.22	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	621009	69.02	ng		100
84) Di-n-octyl phthalate	14.66	149	1059503	76.37	ng		100
85) Indeno(1,2,3-cd)pyrene	16.93	276	1028211	62.59	ng		99
87) Benzo(b)fluoranthene	15.08	252	1018143m	64.44	ng		
88) Benzo(k)fluoranthene	15.12	252	645864m	42.71	ng		
89) Benzo(a)pyrene	15.45	252	821157	57.66	ng	#	94
90) Dibenzo(a,h)anthracene	16.96	278	842542	60.20	ng		99
91) Benzo(g,h,i)perylene	17.37	276	860343	58.33	ng		99

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

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