Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
Data File : BF083699.D
Acq On : 11 Dec 2015 15:47
Operator : UM/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:22:18 PM

Quant Time: Dec 11 18:13:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 17:53:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	156697	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	636243	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	295191	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	526179	20.00	ng		-0.01
75) Chrysene-d12	14.07	240	450724	20.00	ng		-0.01
86) Perylene-d12	15.51	264	299666	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	218361	21.14	ng		-0.01
7) Phenol-d6	6.53	99	262514	19.02	ng		-0.01
23) Nitrobenzene-d5	7.48	82	176890	12.97	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	50133	19.06	ng		-0.01
44) 2-Fluorobiphenyl	9.29	172	446315	21.28	ng		0.00
78) Terphenyl-d14	13.03	244	419312	21.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	51125	10.02	ng	#	84
3) Pyridine	3.30	79	136889	11.04	ng		93
4) n-Nitrosodimethylamine	3.23	42	52094	7.98	ng	#	78
6) Aniline	6.58	93	187917	11.05	ng	#	83
8) 2-Chlorophenol	6.70	128	121177	10.72	ng		86
9) Benzaldehyde	6.46	77	86082	11.74	ng		91
10) Phenol	6.54	94	147625	8.83	ng		80
11) bis(2-Chloroethyl)ether	6.65	93	108691	8.84	ng		100
12) 1,3-Dichlorobenzene	6.86	146	133625	10.61	ng		99
13) 1,4-Dichlorobenzene	6.94	146	133770	10.35	ng		93
14) 1,2-Dichlorobenzene	7.09	146	123729	10.32	ng		99
15) Benzyl Alcohol	7.06	79	95160	9.69	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.21	45	163012	7.17	ng		66
17) 2-Methylphenol	7.17	107	92085	10.02	ng	#	82
18) Hexachloroethane	7.45	117	44215	9.69	ng		96
19) n-Nitroso-di-n-propylamine	7.33	70	78468	8.14	ng	#	86
20) 3+4-Methylphenols	7.32	107	124975	10.32	ng	#	66
22) Acetophenone	7.32	105	162604	9.11	ng	#	84
24) Nitrobenzene	7.49	77	94594	6.28	ng		98
25) Isophorone	7.74	82	218804	8.27	ng	#	89
26) 2-Nitrophenol	7.82	139	26352	4.40	ng	#	75
27) 2,4-Dimethylphenol	7.86	122	109688	10.48	ng		93
28) bis(2-Chloroethoxy)methane	7.95	93	120488	8.20	ng		99
29) 2,4-Dichlorophenol	8.05	162	84803	8.91	ng		93
30) 1,2,4-Trichlorobenzene	8.16	180	98168	9.34	ng		96
31) Naphthalene	8.24	128	335899	9.97	ng		99
32) Benzoic acid	7.92	122	33021	5.60	ng		88
33) 4-Chloroaniline	8.27	127	141190	11.49	ng	#	92
34) Hexachlorobutadiene	8.36	225	53935	8.78	ng		97
35) Caprolactam	8.60	113	26901	9.41	ng	#	76
36) 4-Chloro-3-methylphenol	8.74	107	92130	8.61	ng		96
37) 2-Methylnaphthalene	8.92	142	228696	10.80	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	89660	9.25	ng	#	100
40) Hexachlorocyclopentadiene	9.08	237	40145	30.57	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	62685	10.87	ng		98
43) 2,4,5-Trichlorophenol	9.23	196	62790m	11.00	ng		
45) 1,1'-Biphenyl	9.38	154	261536	10.19	ng		98
46) 2-Chloronaphthalene	9.40	162	193665	10.00	ng	#	89
47) 2-Nitroaniline	9.49	65	34306	4.91	ng	#	81
48) Acenaphthylene	9.82	152	343715	10.76	ng		99
49) Dimethylphthalate	9.68	163	229057	9.75	ng		100
50) 2,6-Dinitrotoluene	9.73	165	33095	6.82	ng		92
51) Acenaphthene	10.00	154	199662	10.92	ng		99
52) 3-Nitroaniline	9.89	138	33486	6.49	ng	#	93
53) 2,4-Dinitrophenol	10.00	184	4404	2.13	ng	#	1
54) Dibenzofuran	10.17	168	267966	10.57	ng		99
55) 4-Nitrophenol	10.04	139	31661	13.95	ng		92
56) 2,4-Dinitrotoluene	10.13	165	38251	5.94	ng	#	79
57) Fluorene	10.51	166	224050	10.12	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	42871	10.14	ng	#	100
59) Diethylphthalate	10.37	149	208734	9.14	ng		96
60) 4-Chlorophenyl-phenylether	10.50	204	96187	9.13	ng		89
61) 4-Nitroaniline	10.50	138	32179	6.87	ng	#	73
62) Azobenzene	10.66	77	213343	8.49	ng		96
64) 4,6-Dinitro-2-methylphenol	10.53	198	7885	2.50	ng	#	74
65) n-Nitrosodiphenylamine	10.61	169	198113	11.41	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	61573	10.49	ng		99
67) Hexachlorobenzene	11.06	284	65528	10.52	ng	#	82
68) Atrazine	11.14	200	55499	10.74	ng		96
69) Pentachlorophenol	11.24	266	32117	23.56	ng		98
70) Phenanthrene	11.46	178	304913	10.09	ng		99
71) Anthracene	11.52	178	338107	10.80	ng		99
72) Carbazole	11.66	167	312918	11.65	ng		98
73) Di-n-butylphthalate	12.01	149	336484	9.96	ng		99
74) Fluoranthene	12.65	202	347142	11.22	ng		99
76) Benzidine	12.76	184	183598	13.10	ng		97
77) Pyrene	12.88	202	355068	10.94	ng		99
79) Butylbenzylphthalate	13.49	149	96136	6.67	ng	#	74
80) Benzo(a)anthracene	14.05	228	279599	10.60	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	85074	9.55	ng		99
82) Chrysene	14.10	228	268652	10.16	ng		98
83) Bis(2-ethylhexyl)phthalate	14.07	149	118553	5.93	ng	#	97
84) Di-n-octyl phthalate	14.67	149	129869	4.25	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.93	276	178522	10.00	ng	#	100
87) Benzo(b)fluoranthene	15.09	252	199010	11.66	ng		98
88) Benzo(k)fluoranthene	15.12	252	191047m	10.16	ng		
89) Benzo(a)pyrene	15.45	252	172555	10.36	ng		99
90) Dibenzo(a,h)anthracene	16.96	278	147789	11.61	ng		98
91) Benzo(g,h,i)perylene	17.36	276	156849	12.64	ng		97

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

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