Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083011.D
Acq On : 18 Nov 2015 15:36
Operator : UM/IZ
Sample : PB86700BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86700BS

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:44:41 PM

Quant Time: Nov 19 02:32:42 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 18 13:32:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	148203	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	600425	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	294590	20.00	ng		-0.01
63) Phenanthrene-d10	11.24	188	554326	20.00	ng		-0.01
75) Chrysene-d12	13.88	240	493672	20.00	ng		-0.01
86) Perylene-d12	15.27	264	550315	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1071021	112.44	ng		0.01
7) Phenol-d6	6.38	99	1279857	101.07	ng		-0.01
23) Nitrobenzene-d5	7.30	82	895219	64.88	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	300618	89.00	ng		-0.01
44) 2-Fluorobiphenyl	9.10	172	1520667	73.98	ng		0.00
78) Terphenyl-d14	12.83	244	1392629	66.91	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	151329	36.82	ng		96
3) Pyridine	2.99	79	348130	29.19	ng		93
4) n-Nitrosodimethylamine	2.93	42	191547	32.38	ng	#	72
6) Aniline	6.40	93	264261	14.86	ng	#	1
8) 2-Chlorophenol	6.52	128	362624	34.34	ng		95
9) Benzaldehyde	6.27	77	23161	3.31	ng		80
10) Phenol	6.40	94	420669	29.28	ng		95
11) bis(2-Chloroethyl)ether	6.48	93	362633	33.75	ng	#	80
12) 1,3-Dichlorobenzene	6.67	146	398311m	33.45	ng		
13) 1,4-Dichlorobenzene	6.75	146	403996m	32.61	ng		
14) 1,2-Dichlorobenzene	6.90	146	352932	31.32	ng		95
15) Benzyl Alcohol	6.88	79	342824	30.83	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	604644	38.36	ng		96
17) 2-Methylphenol	7.00	107	290086	32.44	ng		99
18) Hexachloroethane	7.24	117	139590	31.50	ng		95
19) n-Nitroso-di-n-propylamine	7.15	70	277050	29.76	ng		92
20) 3+4-Methylphenols	7.16	107	399112	34.32	ng	#	60
22) Acetophenone	7.14	105	525567	30.55	ng	#	98
24) Nitrobenzene	7.31	77	400399	28.37	ng	#	87
25) Isophorone	7.56	82	802138	31.42	ng		97
26) 2-Nitrophenol	7.63	139	179148	30.41	ng	#	83
27) 2,4-Dimethylphenol	7.69	122	328776	31.06	ng		94
28) bis(2-Chloroethoxy)methane	7.78	93	501056	34.79	ng		99
29) 2,4-Dichlorophenol	7.88	162	303007	31.68	ng		88
30) 1,2,4-Trichlorobenzene	7.96	180	322653	30.00	ng		98
31) Naphthalene	8.04	128	1057928	31.94	ng		98
32) Benzoic acid	7.81	122	192824	26.61	ng		90
33) 4-Chloroaniline	8.09	127	98562	6.90	ng		92
34) Hexachlorobutadiene	8.17	225	205675	30.55	ng		100
35) Caprolactam	8.45	113	101801m	33.76	ng		
36) 4-Chloro-3-methylphenol	8.59	107	347635	30.90	ng		91
37) 2-Methylnaphthalene	8.73	142	668950	31.22	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	306807	31.69	ng		98
40) Hexachlorocyclopentadiene	8.89	237	351029	67.49	ng		99

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Quant Time: Nov 19 02:32:42 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 18 13:32:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	220279	30.48	ng		96
43) 2,4,5-Trichlorophenol	9.06	196	224605	31.43	ng		96
45) 1,1'-Biphenyl	9.20	154	808208	31.97	ng		96
46) 2-Chloronaphthalene	9.22	162	664371	33.69	ng		98
47) 2-Nitroaniline	9.31	65	220794	30.19	ng		92
48) Acenaphthylene	9.63	152	1012014	32.75	ng		99
49) Dimethylphthalate	9.50	163	845495	35.03	ng		98
50) 2,6-Dinitrotoluene	9.56	165	190456	36.98	ng	#	78
51) Acenaphthene	9.80	154	716300	36.57	ng		99
52) 3-Nitroaniline	9.72	138	78762	13.91	ng	#	85
53) 2,4-Dinitrophenol	9.84	184	200795	71.01	ng	#	12
54) Dibenzofuran	9.97	168	860861	32.60	ng		93
55) 4-Nitrophenol	9.90	139	233602	53.76	ng	#	81
56) 2,4-Dinitrotoluene	9.96	165	236392	33.83	ng		97
57) Fluorene	10.32	166	706018	33.01	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	205235	35.19	ng	#	89
59) Diethylphthalate	10.20	149	753400	31.97	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	367823	34.38	ng		97
61) 4-Nitroaniline	10.34	138	168666	29.61	ng	#	81
62) Azobenzene	10.48	77	940530	37.15	ng		96
64) 4,6-Dinitro-2-methylphenol	10.37	198	135657	34.35	ng		85
65) n-Nitrosodiphenylamine	10.43	169	609740	30.45	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	205328	30.76	ng	#	68
67) Hexachlorobenzene	10.86	284	233995	31.40	ng	#	79
68) Atrazine	10.97	200	241826	39.05	ng		94
69) Pentachlorophenol	11.06	266	240776	53.20	ng		98
70) Phenanthrene	11.28	178	1164386	36.17	ng		97
71) Anthracene	11.32	178	1044940	30.82	ng		98
72) Carbazole	11.48	167	1029316	34.68	ng		98
73) Di-n-butylphthalate	11.82	149	1293145	34.97	ng	#	98
74) Fluoranthene	12.45	202	1073298	31.07	ng		99
76) Benzidine	12.58	184	386352	23.35	ng		99
77) Pyrene	12.68	202	1171217	34.55	ng		98
79) Butylbenzylphthalate	13.31	149	503864	33.64	ng		99
80) Benzo(a)anthracene	13.87	228	1053638	34.13	ng		98
81) 3,3'-Dichlorobenzidine	13.84	252	179201	16.33	ng	#	97
82) Chrysene	13.91	228	966025	34.17	ng		98
83) Bis(2-ethylhexyl)phthalate	13.88	149	755953	36.88	ng		100
84) Di-n-octyl phthalate	14.50	149	1662099	48.61	ng		95
85) Indeno(1,2,3-cd)pyrene	16.58	276	1011744	41.55	ng	#	93
87) Benzo(b)fluoranthene	14.89	252	1238635m	35.06	ng		
88) Benzo(k)fluoranthene	14.91	252	991665m	31.65	ng		
89) Benzo(a)pyrene	15.22	252	1056949	34.54	ng		99
90) Dibenzo(a,h)anthracene	16.60	278	846921	32.68	ng	#	97
91) Benzo(g,h,i)perylene	16.98	276	831009	33.48	ng	#	96

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

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