Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083010.D
Acq On : 18 Nov 2015 15:07
Operator : UM/IZ
Sample : PB86689BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86689BS

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:44:42 PM

Quant Time: Nov 19 02:30:24 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	148958	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	568465	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	286153	20.00	ng		-0.01
63) Phenanthrene-d10	11.25	188	562262	20.00	ng		0.00
75) Chrysene-d12	13.88	240	593819	20.00	ng		-0.01
86) Perylene-d12	15.27	264	514828	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1148480	119.96	ng		0.01
7) Phenol-d6	6.38	99	1356034	106.55	ng		-0.01
23) Nitrobenzene-d5	7.30	82	894515	68.47	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	336575	102.58	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1560606	78.17	ng		0.00
78) Terphenyl-d14	12.83	244	1471576	58.78	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	170716	41.33	ng		95
3) Pyridine	2.99	79	480055	40.05	ng		96
4) n-Nitrosodimethylamine	2.93	42	216654	36.44	ng	#	76
6) Aniline	6.40	93	353388	19.78	ng	#	1
8) 2-Chlorophenol	6.52	128	417395	39.33	ng		95
9) Benzaldehyde	6.27	77	334875	47.63	ng		91
10) Phenol	6.40	94	429068	29.71	ng		84
11) bis(2-Chloroethyl)ether	6.48	93	419457	38.84	ng	#	82
12) 1,3-Dichlorobenzene	6.67	146	429750m	35.90	ng		
13) 1,4-Dichlorobenzene	6.75	146	460963	37.02	ng		93
14) 1,2-Dichlorobenzene	6.90	146	377696	33.35	ng		96
15) Benzyl Alcohol	6.89	79	394092	35.26	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.02	45	663676	41.90	ng		96
17) 2-Methylphenol	7.00	107	317575	35.33	ng		98
18) Hexachloroethane	7.24	117	152317	34.20	ng		96
19) n-Nitroso-di-n-propylamine	7.15	70	322447	34.46	ng		90
20) 3+4-Methylphenols	7.16	107	429242	36.73	ng	#	62
22) Acetophenone	7.15	105	580384	35.63	ng		96
24) Nitrobenzene	7.32	77	465959	34.88	ng		92
25) Isophorone	7.56	82	852894	35.28	ng		98
26) 2-Nitrophenol	7.63	139	201612	36.15	ng	#	80
27) 2,4-Dimethylphenol	7.69	122	342292	34.16	ng		96
28) bis(2-Chloroethoxy)methane	7.78	93	540372	39.63	ng		99
29) 2,4-Dichlorophenol	7.88	162	328641	36.29	ng		87
30) 1,2,4-Trichlorobenzene	7.96	180	351707	34.53	ng		97
31) Naphthalene	8.04	128	1152882	36.76	ng		99
32) Benzoic acid	7.81	122	215283	31.38	ng		87
33) 4-Chloroaniline	8.09	127	121940	9.02	ng		94
34) Hexachlorobutadiene	8.17	225	222115	34.85	ng		99
35) Caprolactam	8.46	113	112580m	39.43	ng		
36) 4-Chloro-3-methylphenol	8.59	107	365181	34.29	ng		91
37) 2-Methylnaphthalene	8.74	142	739268m	36.44	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	317122	33.72	ng		98
40) Hexachlorocyclopentadiene	8.90	237	372816	73.80	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	241590	34.42	ng		97
43) 2,4,5-Trichlorophenol	9.06	196	273796	39.44	ng	#	88
45) 1,1'-Biphenyl	9.20	154	894402	36.43	ng		95
46) 2-Chloronaphthalene	9.22	162	725782	37.89	ng		98
47) 2-Nitroaniline	9.31	65	241728	34.02	ng		91
48) Acenaphthylene	9.63	152	1084584	36.13	ng		99
49) Dimethylphthalate	9.50	163	853195	36.39	ng		99
50) 2,6-Dinitrotoluene	9.56	165	200946	40.17	ng	#	86
51) Acenaphthene	9.80	154	776213	40.80	ng		99
52) 3-Nitroaniline	9.72	138	79263	14.41	ng		87
53) 2,4-Dinitrophenol	9.84	184	216475	78.82	ng	#	17
54) Dibenzofuran	9.97	168	958239	37.36	ng		94
55) 4-Nitrophenol	9.90	139	282385	66.91	ng	#	80
56) 2,4-Dinitrotoluene	9.96	165	246257	36.28	ng		98
57) Fluorene	10.32	166	746464	35.94	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	220514	38.92	ng	#	91
59) Diethylphthalate	10.20	149	830615	36.29	ng		98
60) 4-Chlorophenyl-phenylether	10.32	204	410344	39.48	ng		98
61) 4-Nitroaniline	10.34	138	170678	30.85	ng	#	83
62) Azobenzene	10.48	77	1025996	41.73	ng		96
64) 4,6-Dinitro-2-methylphenol	10.37	198	154835	38.65	ng		97
65) n-Nitrosodiphenylamine	10.43	169	659634	32.47	ng		98
66) 4-Bromophenyl-phenylether	10.80	248	223279	32.98	ng	#	70
67) Hexachlorobenzene	10.86	284	249191	32.96	ng	#	81
68) Atrazine	10.97	200	261780	41.68	ng		96
69) Pentachlorophenol	11.06	266	273287	59.53	ng		98
70) Phenanthrene	11.28	178	1278671	39.16	ng		98
71) Anthracene	11.32	178	1147201	33.35	ng		98
72) Carbazole	11.48	167	1105227	36.71	ng		97
73) Di-n-butylphthalate	11.82	149	1424311	37.97	ng		98
74) Fluoranthene	12.45	202	1159627	33.10	ng		98
76) Benzidine	12.58	184	599304	30.11	ng		99
77) Pyrene	12.68	202	1249342	30.64	ng		98
79) Butylbenzylphthalate	13.31	149	556243	30.88	ng		96
80) Benzo(a)anthracene	13.87	228	1493462	40.22	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	249522	18.90	ng	#	97
82) Chrysene	13.91	228	1291784m	37.98	ng		
83) Bis(2-ethylhexyl)phthalate	13.88	149	1056173	42.83	ng		99
84) Di-n-octyl phthalate	14.50	149	1822590	44.31	ng		95
85) Indeno(1,2,3-cd)pyrene	16.59	276	1106619	37.78	ng	#	94
87) Benzo(b)fluoranthene	14.89	252	1274129m	38.56	ng		
88) Benzo(k)fluoranthene	14.91	252	1055563m	36.01	ng		
89) Benzo(a)pyrene	15.22	252	1103985	38.56	ng		98
90) Dibenzo(a,h)anthracene	16.60	278	935783	38.60	ng	#	96
91) Benzo(g,h,i)perylene	16.98	276	934774	40.25	ng	#	93

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

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