Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082811.D
Acq On : 7 Nov 2015 15:29
Operator : UM/IZ
Sample : G4246-02MSD
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-14CMSD

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:08:34 PM

Quant Time: Nov 09 01:20:28 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	167242	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	652301	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	406882	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	660994	20.00	ng		0.00
75) Chrysene-d12	14.02	240	421281	20.00	ng		0.00
86) Perylene-d12	15.45	264	423460	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	932663	86.77	ng		0.02
7) Phenol-d6	6.50	99	1459037	102.11	ng		0.02
23) Nitrobenzene-d5	7.41	82	765796	51.08	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	290407	62.25	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1377983	48.54	ng		0.00
78) Terphenyl-d14	12.97	244	947687	53.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	195431	42.14	ng		95
3) Pyridine	3.21	79	468105	34.78	ng		96
4) n-Nitrosodimethylamine	3.14	42	232477	34.83	ng	#	80
6) Aniline	6.51	93	490835	24.46	ng	#	1
8) 2-Chlorophenol	6.65	128	367187	30.82	ng		96
9) Benzaldehyde	6.40	77	122543	15.52	ng		82
10) Phenol	6.51	94	611441	37.71	ng		89
11) bis(2-Chloroethyl)ether	6.59	93	435652	35.93	ng		86
12) 1,3-Dichlorobenzene	6.80	146	387015	28.80	ng	#	88
13) 1,4-Dichlorobenzene	6.88	146	373074m	26.68	ng		
14) 1,2-Dichlorobenzene	7.02	146	358477	28.19	ng		96
15) Benzyl Alcohol	7.00	79	380868	30.35	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.14	45	528937	29.74	ng		96
17) 2-Methylphenol	7.12	107	279348	27.68	ng		97
18) Hexachloroethane	7.37	117	116505	23.30	ng		98
19) n-Nitroso-di-n-propylamine	7.28	70	286888	27.31	ng	#	80
20) 3+4-Methylphenols	7.28	107	395998	30.18	ng	#	63
22) Acetophenone	7.26	105	510600	27.32	ng	#	95
24) Nitrobenzene	7.44	77	442777	28.88	ng		93
25) Isophorone	7.68	82	706846	25.48	ng		98
26) 2-Nitrophenol	7.76	139	181240	28.32	ng	#	71
27) 2,4-Dimethylphenol	7.80	122	326158	28.37	ng		96
28) bis(2-Chloroethoxy)methane	7.89	93	459194	29.35	ng		98
29) 2,4-Dichlorophenol	8.01	162	282977	27.23	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	314446	26.91	ng	#	93
31) Naphthalene	8.17	128	1017649	28.28	ng		98
32) Benzoic acid	7.89	122	82193	10.44	ng		95
33) 4-Chloroaniline	8.21	127	274058	17.67	ng	#	86
34) Hexachlorobutadiene	8.29	225	199135	27.23	ng		97
35) Caprolactam	8.57	113	101633	31.02	ng		88
36) 4-Chloro-3-methylphenol	8.70	107	392100	32.09	ng	#	78
37) 2-Methylnaphthalene	8.85	142	708399	30.43	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	356996	26.70	ng		97
40) Hexachlorocyclopentadiene	9.01	237	85515	11.90	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	233136	23.36	ng		100
43) 2,4,5-Trichlorophenol	9.17	196	206970	20.97	ng		97
45) 1,1'-Biphenyl	9.32	154	1104987	31.65	ng		98
46) 2-Chloronaphthalene	9.34	162	849643	31.20	ng		98
47) 2-Nitroaniline	9.44	65	338197	33.48	ng	#	71
48) Acenaphthylene	9.76	152	1301702	30.50	ng		99
49) Dimethylphthalate	9.62	163	1320999	39.63	ng		99
50) 2,6-Dinitrotoluene	9.68	165	205126	28.84	ng		96
51) Acenaphthene	9.93	154	733497	27.12	ng		99
52) 3-Nitroaniline	9.85	138	200443	25.62	ng	#	60
53) 2,4-Dinitrophenol	9.95	184	26380	6.75	ng	#	4
54) Dibenzofuran	10.10	168	1080492	29.63	ng		92
55) 4-Nitrophenol	10.01	139	304258	50.70	ng	#	78
56) 2,4-Dinitrotoluene	10.08	165	256402	26.57	ng	#	96
57) Fluorene	10.44	166	816168	27.63	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	221717	27.52	ng	#	85
59) Diethylphthalate	10.32	149	893286	27.44	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	387390	26.21	ng		90
61) 4-Nitroaniline	10.45	138	202552	25.75	ng	#	76
62) Azobenzene	10.59	77	970825	27.77	ng		89
64) 4,6-Dinitro-2-methylphenol	10.49	198	33055	7.02	ng		85
65) n-Nitrosodiphenylamine	10.56	169	760710	31.86	ng		98
66) 4-Bromophenyl-phenylether	10.92	248	228100	28.66	ng	#	76
67) Hexachlorobenzene	10.99	284	236831	26.65	ng	#	85
68) Atrazine	11.08	200	218703	29.62	ng		97
69) Pentachlorophenol	11.18	266	247045	45.78	ng		99
70) Phenanthrene	11.40	178	1141527	29.74	ng		98
71) Anthracene	11.45	178	1051152	26.00	ng		98
72) Carbazole	11.61	167	1003814	28.36	ng		97
73) Di-n-butylphthalate	11.95	149	1208784	27.41	ng	#	96
74) Fluoranthene	12.59	202	1056713	25.65	ng		98
76) Benzidine	12.71	184	545023	38.60	ng		99
77) Pyrene	12.82	202	1039117	35.92	ng		97
79) Butylbenzylphthalate	13.44	149	368597	28.84	ng		94
80) Benzo(a)anthracene	14.01	228	778035	29.53	ng		97
81) 3,3'-Dichlorobenzidine	13.96	252	252919	27.00	ng		99
82) Chrysene	14.04	228	787631	32.64	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	528768	30.23	ng		99
84) Di-n-octyl phthalate	14.63	149	955358	32.74	ng	#	96
85) Indeno(1,2,3-cd)pyrene	16.84	276	827146	39.80	ng	#	94
87) Benzo(b)fluoranthene	15.04	252	715912m	26.34	ng		
88) Benzo(k)fluoranthene	15.07	252	718965m	29.82	ng		
89) Benzo(a)pyrene	15.39	252	682590	28.99	ng		99
90) Dibenzo(a,h)anthracene	16.85	278	705687	35.39	ng	#	94
91) Benzo(g,h,i)perylene	17.27	276	669214	35.04	ng		97

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

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