Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090986.D
Acq On : 2 Nov 2016 18:13
Operator : UM/SJ
Sample : H5509-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

Quant Time: Nov 03 01:27:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	149184	20.00	ng		-0.02
21) Naphthalene-d8	8.01	136	679083	20.00	ng		-0.03
38) Acenaphthene-d10	9.77	164	365291	20.00	ng		-0.02
63) Phenanthrene-d10	11.25	188	507059	20.00	ng		-0.01
75) Chrysene-d12	13.88	240	422849	20.00	ng		-0.02
86) Perylene-d12	15.28	264	315277	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1479642	173.41	ng		-0.01
7) Phenol-d6	6.38	99	1726288	149.96	ng		-0.01
23) Nitrobenzene-d5	7.30	82	1144300	110.31	ng		-0.02
41) 2,4,6-Tribromophenol	10.56	330	529148	140.96	ng		-0.02
44) 2-Fluorobiphenyl	9.09	172	1959382	94.19	ng		-0.02
78) Terphenyl-d14	12.83	244	1824128	108.68	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	120517	27.63	ng	#	64
3) Pyridine	2.98	79	504209	42.61	ng	#	73
4) n-Nitrosodimethylamine	2.93	42	187203	56.19	ng	#	70
6) Aniline	6.40	93	513353	39.04	ng	#	1
8) 2-Chlorophenol	6.51	128	511515	48.60	ng		94
9) Benzaldehyde	6.27	77	57547	9.68	ng	#	83
10) Phenol	6.40	94	638179	50.31	ng		75
11) bis(2-Chloroethyl)ether	6.46	93	448240	42.71	ng		93
12) 1,3-Dichlorobenzene	6.66	146	498526m	46.30	ng		
13) 1,4-Dichlorobenzene	6.74	146	526325m	46.49	ng		
14) 1,2-Dichlorobenzene	6.90	146	471739	43.46	ng		100
15) Benzyl Alcohol	6.88	79	393456	52.04	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.01	45	574044	54.96	ng		63
17) 2-Methylphenol	7.00	107	427764	53.42	ng	#	81
18) Hexachloroethane	7.23	117	183766	44.60	ng		92
19) n-Nitroso-di-n-propylamine	7.15	70	369147	55.47	ng	#	68
20) 3+4-Methylphenols	7.15	107	505487	54.53	ng	#	73
22) Acetophenone	7.14	105	670614	48.00	ng	#	83
24) Nitrobenzene	7.31	77	501345	45.69	ng	#	69
25) Isophorone	7.56	82	1188443	56.45	ng	#	92
26) 2-Nitrophenol	7.63	139	294905	50.17	ng	#	55
27) 2,4-Dimethylphenol	7.68	122	487665	51.24	ng	#	77
28) bis(2-Chloroethoxy)methane	7.77	93	680574	56.84	ng	#	92
29) 2,4-Dichlorophenol	7.88	162	445494	50.56	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	436111	42.83	ng	#	96
31) Naphthalene	8.03	128	1455216	45.84	ng		97
32) Benzoic acid	7.77	122	27704	4.01	ng	#	65
33) 4-Chloroaniline	8.10	127	419353	32.70	ng	#	89
34) Hexachlorobutadiene	8.16	225	257155	42.95	ng		98
35) Caprolactam	8.46	113	132901m	48.59	ng		
36) 4-Chloro-3-methylphenol	8.59	107	516444	53.89	ng		91
37) 2-Methylnaphthalene	8.73	142	1033249	50.40	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	452437	45.15	ng		99
40) Hexachlorocyclopentadiene	8.89	237	390202	84.64	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	319049	49.32	ng		99
43) 2,4,5-Trichlorophenol	9.06	196	318636	47.82	ng	#	92
45) 1,1'-Biphenyl	9.20	154	1275290	48.47	ng		94
46) 2-Chloronaphthalene	9.22	162	1014559	50.69	ng		94
47) 2-Nitroaniline	9.32	65	355963	63.03	ng		86
48) Acenaphthylene	9.63	152	1515355	50.00	ng		95
49) Dimethylphthalate	9.50	163	1792137	73.43	ng	#	97
50) 2,6-Dinitrotoluene	9.56	165	231755	43.00	ng	#	48
51) Acenaphthene	9.80	154	890392	42.66	ng		88
52) 3-Nitroaniline	9.73	138	218911	38.15	ng	#	77
53) 2,4-Dinitrophenol	9.84	184	142411	50.19	ng	#	23
54) Dibenzofuran	9.97	168	1267605	47.06	ng	#	85
55) 4-Nitrophenol	9.92	139	357754	102.23	ng	#	83
56) 2,4-Dinitrotoluene	9.96	165	310865	46.43	ng	#	44
57) Fluorene	10.32	166	1013666	45.94	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.10	232	264825	44.51	ng		96
59) Diethylphthalate	10.20	149	1172543	48.37	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	434659	40.36	ng	#	79
61) 4-Nitroaniline	10.35	138	239523	42.15	ng	#	64
62) Azobenzene	10.46	77	1019405	42.76	ng		85
64) 4,6-Dinitro-2-methylphenol	10.37	198	148724	44.24	ng		92
65) n-Nitrosodiphenylamine	10.43	169	813608	52.38	ng		90
66) 4-Bromophenyl-phenylether	10.80	248	288521	51.96	ng		95
67) Hexachlorobenzene	10.86	284	352226	53.60	ng	#	80
68) Atrazine	10.97	200	275998	57.44	ng		84
69) Pentachlorophenol	11.06	266	335263	95.10	ng		98
70) Phenanthrene	11.28	178	1323420	51.25	ng		96
71) Anthracene	11.32	178	1202308	44.22	ng		96
72) Carbazole	11.48	167	1103696	45.97	ng		95
73) Di-n-butylphthalate	11.81	149	1407062	45.46	ng	#	97
74) Fluoranthene	12.45	202	1224391	43.30	ng		93
76) Benzidine	12.59	184	476504	51.61	ng	#	96
77) Pyrene	12.68	202	1205530	45.05	ng		96
79) Butylbenzylphthalate	13.31	149	599066	49.34	ng		97
80) Benzo(a)anthracene	13.87	228	1060005	47.23	ng		96
81) 3,3'-Dichlorobenzidine	13.84	252	339742	39.00	ng	#	94
82) Chrysene	13.91	228	948874	41.80	ng		94
83) Bis(2-ethylhexyl)phthalate	13.87	149	791958	50.09	ng	#	94
84) Di-n-octyl phthalate	14.49	149	1252961	47.19	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.61	276	908649	45.17	ng	#	87
87) Benzo(b)fluoranthene	14.89	252	933075m	44.01	ng		
88) Benzo(k)fluoranthene	14.91	252	773017m	46.14	ng		
89) Benzo(a)pyrene	15.22	252	804222	44.15	ng	#	86
90) Dibenzo(a,h)anthracene	16.61	278	770223	49.95	ng	#	82
91) Benzo(g,h,i)perylene	17.00	276	743125	51.17	ng	#	76

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

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