Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082462.D
Acq On : 22 Oct 2015 23:25
Operator : UM/IZ
Sample : G4119-07MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5MSD

Manual Integrations APPROVED
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10/23/2015 4:45:29 PM

Quant Time: Oct 23 03:53:08 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 01:26:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	87540	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	346126	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	160763	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	257349	20.00	ng		0.00
75) Chrysene-d12	13.97	240	196352	20.00	ng		-0.03
86) Perylene-d12	15.44	264	174542	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	694658	160.15	ng		0.01
7) Phenol-d6	6.42	99	935927	165.81	ng		0.00
23) Nitrobenzene-d5	7.34	82	552654	107.23	ng		-0.01
41) 2,4,6-Tribromophenol	10.61	330	177561	117.77	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	1106684	114.16	ng		-0.01
78) Terphenyl-d14	12.89	244	889590	120.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	91997	42.21	ng		98
3) Pyridine	3.04	79	258836	51.07	ng		97
4) n-Nitrosodimethylamine	3.01	42	115849	53.89	ng		99
6) Aniline	6.43	93	261125	35.88	ng	#	24
8) 2-Chlorophenol	6.56	128	275362	52.00	ng		99
9) Benzaldehyde	6.31	77	125102	43.40	ng		99
10) Phenol	6.45	94	301497	46.33	ng		87
11) bis(2-Chloroethyl)ether	6.50	93	248884	45.22	ng		91
12) 1,3-Dichlorobenzene	6.70	146	311068	50.44	ng		95
13) 1,4-Dichlorobenzene	6.78	146	314683	48.86	ng		96
14) 1,2-Dichlorobenzene	6.94	146	308082m	50.38	ng		
15) Benzyl Alcohol	6.93	79	237343	60.91	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.05	45	394218	51.44	ng		63
17) 2-Methylphenol	7.04	107	214023	51.11	ng	#	90
18) Hexachloroethane	7.27	117	100891	45.77	ng		97
19) n-Nitroso-di-n-propylamine	7.19	70	187978	47.42	ng	#	86
20) 3+4-Methylphenols	7.20	107	287461	57.61	ng	#	60
22) Acetophenone	7.19	105	389671	56.91	ng	#	84
24) Nitrobenzene	7.36	77	300528	53.87	ng		94
25) Isophorone	7.60	82	541630	52.07	ng		97
26) 2-Nitrophenol	7.68	139	152829	54.86	ng	#	89
27) 2,4-Dimethylphenol	7.73	122	275245	61.33	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	326925	54.01	ng		99
29) 2,4-Dichlorophenol	7.92	162	242886	54.14	ng		92
30) 1,2,4-Trichlorobenzene	8.00	180	269908	52.19	ng		98
31) Naphthalene	8.08	128	818818	54.57	ng		99
32) Benzoic acid	7.85	122	78773	26.15	ng		98
33) 4-Chloroaniline	8.14	127	133760	21.47	ng		96
34) Hexachlorobutadiene	8.19	225	150874	46.82	ng		96
35) Caprolactam	8.51	113	70497	54.14	ng	#	78
36) 4-Chloro-3-methylphenol	8.64	107	266008	60.63	ng		92
37) 2-Methylnaphthalene	8.77	142	515008	49.51	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	279014	58.35	ng		98
40) Hexachlorocyclopentadiene	8.91	237	60010	30.53	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	181245	57.07	ng		99
43) 2,4,5-Trichlorophenol	9.11	196	186201	54.12	ng		99
45) 1,1'-Biphenyl	9.23	154	620685	50.63	ng		98
46) 2-Chloronaphthalene	9.26	162	495124	51.31	ng	#	94
47) 2-Nitroaniline	9.37	65	159718	60.28	ng	#	69
48) Acenaphthylene	9.68	152	802354	53.37	ng		99
49) Dimethylphthalate	9.54	163	897187	79.25	ng		100
50) 2,6-Dinitrotoluene	9.61	165	129404	54.17	ng	#	82
51) Acenaphthene	9.85	154	467903	51.85	ng		99
52) 3-Nitroaniline	9.78	138	95281	35.31	ng		98
53) 2,4-Dinitrophenol	9.90	184	30755	27.59	ng		94
54) Dibenzofuran	10.02	168	714795	57.69	ng		96
55) 4-Nitrophenol	9.97	139	148225	79.64	ng	#	82
56) 2,4-Dinitrotoluene	10.01	165	156828	52.53	ng	#	71
57) Fluorene	10.37	166	560992	55.12	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	141294	50.26	ng		96
59) Diethylphthalate	10.24	149	561563	53.22	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	257999	55.34	ng		95
61) 4-Nitroaniline	10.40	138	120718	46.13	ng		99
62) Azobenzene	10.51	77	557908	54.02	ng		96
64) 4,6-Dinitro-2-methylphenol	10.42	198	39742	27.52	ng	#	66
65) n-Nitrosodiphenylamine	10.48	169	486638	63.16	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	156195	60.65	ng		97
67) Hexachlorobenzene	10.90	284	143801	51.63	ng	#	62
68) Atrazine	11.01	200	150209	61.53	ng		98
69) Pentachlorophenol	11.11	266	142896	99.70	ng		98
70) Phenanthrene	11.33	178	756896	60.00	ng		100
71) Anthracene	11.37	178	735416	56.58	ng		99
72) Carbazole	11.54	167	679019	57.26	ng		97
73) Di-n-butylphthalate	11.86	149	802137	54.84	ng		100
74) Fluoranthene	12.52	202	696996	51.45	ng		100
76) Benzidine	12.65	184	400674	70.42	ng		97
77) Pyrene	12.74	202	715519	61.40	ng		99
79) Butylbenzylphthalate	13.37	149	329775	62.01	ng	#	84
80) Benzo(a)anthracene	13.96	228	552164	54.05	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	214803	55.39	ng	#	98
82) Chrysene	13.99	228	538554	50.03	ng		100
83) Bis(2-ethylhexyl)phthalate	13.94	149	458549	60.44	ng		100
84) Di-n-octyl phthalate	14.60	149	729207	55.97	ng		99
85) Indeno(1,2,3-cd)pyrene	16.84	276	433983	50.72	ng		97
87) Benzo(b)fluoranthene	15.03	252	604140m	56.89	ng		
88) Benzo(k)fluoranthene	15.06	252	427945m	47.95	ng		
89) Benzo(a)pyrene	15.38	252	473488	51.88	ng		98
90) Dibenzo(a,h)anthracene	16.85	278	372787	49.85	ng		99
91) Benzo(g,h,i)perylene	17.25	276	350204	48.20	ng		98

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

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