Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082560.D
Acq On : 27 Oct 2015 21:42
Operator : UM/IZ
Sample : G4157-05MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1MSD

Quant Time: Oct 28 12:21:57 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 02:43:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	82143	20.00	ng		-0.02
21) Naphthalene-d8	8.00	136	313954	20.00	ng		-0.02
38) Acenaphthene-d10	9.76	164	154150	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	284838	20.00	ng		-0.02
75) Chrysene-d12	13.89	240	187740	20.00	ng		-0.02
86) Perylene-d12	15.30	264	165404	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	550966	132.41	ng		0.02
7) Phenol-d6	6.39	99	676173	124.68	ng		0.01
23) Nitrobenzene-d5	7.29	82	473815	97.36	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	158517	137.32	ng		-0.02
44) 2-Fluorobiphenyl	9.09	172	985086	101.62	ng		-0.01
78) Terphenyl-d14	12.82	244	796175	122.18	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	73079	34.99	ng		91
3) Pyridine	3.07	79	166512m	34.20	ng		
4) n-Nitrosodimethylamine	2.99	42	88479	41.33	ng		99
6) Aniline	6.40	93	35565	5.20	ng	#	1
8) 2-Chlorophenol	6.50	128	212669	43.58	ng		90
9) Benzaldehyde	6.26	77	77554	26.68	ng		99
10) Phenol	6.40	94	235585	38.26	ng	#	74
11) bis(2-Chloroethyl)ether	6.46	93	211773	43.34	ng		97
12) 1,3-Dichlorobenzene	6.65	146	234491m	40.28	ng		
13) 1,4-Dichlorobenzene	6.73	146	238142	39.76	ng		96
14) 1,2-Dichlorobenzene	6.88	146	228857m	41.17	ng		
15) Benzyl Alcohol	6.88	79	175700	46.54	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	6.99	45	290725	43.95	ng		77
17) 2-Methylphenol	7.01	107	163229	41.70	ng		98
18) Hexachloroethane	7.21	117	80694	39.58	ng		91
19) n-Nitroso-di-n-propylamine	7.14	70	164478	46.55	ng		97
20) 3+4-Methylphenols	7.17	107	221577	44.31	ng		96
22) Acetophenone	7.13	105	297921	43.74	ng	#	96
24) Nitrobenzene	7.31	77	216855	39.91	ng		90
25) Isophorone	7.55	82	401521	41.53	ng		96
26) 2-Nitrophenol	7.62	139	116220	44.27	ng	#	75
27) 2,4-Dimethylphenol	7.68	122	190293	44.60	ng		95
28) bis(2-Chloroethoxy)methane	7.76	93	253039	44.63	ng		99
29) 2,4-Dichlorophenol	7.87	162	196689	46.22	ng		97
30) 1,2,4-Trichlorobenzene	7.94	180	203423	42.28	ng		98
31) Naphthalene	8.02	128	635441	44.29	ng		99
32) Benzoic acid	7.82	122	44926	18.80	ng		95
33) 4-Chloroaniline	8.09	127	30903	5.56	ng	#	93
34) Hexachlorobutadiene	8.14	225	118273	42.49	ng		99
35) Caprolactam	8.48	113	45505m	38.47	ng		
36) 4-Chloro-3-methylphenol	8.59	107	194342	46.96	ng		98
37) 2-Methylnaphthalene	8.72	142	436519	45.03	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	214536	46.11	ng		99
40) Hexachlorocyclopentadiene	8.86	237	66305	57.50	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	125026	43.11	ng		99
43) 2,4,5-Trichlorophenol	9.06	196	125882	41.39	ng	#	92
45) 1,1'-Biphenyl	9.18	154	509018	44.37	ng		97
46) 2-Chloronaphthalene	9.20	162	404865	44.77	ng		96
47) 2-Nitroaniline	9.31	65	113370	43.17	ng		99
48) Acenaphthylene	9.62	152	648415	44.77	ng		98
49) Dimethylphthalate	9.49	163	486198	45.33	ng		99
50) 2,6-Dinitrotoluene	9.55	165	99565	42.34	ng	#	40
51) Acenaphthene	9.79	154	379638	45.71	ng		99
52) 3-Nitroaniline	9.74	138	19163	7.51	ng	#	98
53) 2,4-Dinitrophenol	9.85	184	48303	50.65	ng	#	92
54) Dibenzofuran	9.97	168	576879	47.60	ng		94
55) 4-Nitrophenol	9.93	139	61483m	58.42	ng		
56) 2,4-Dinitrotoluene	9.97	165	138838	48.68	ng	#	84
57) Fluorene	10.31	166	461622	46.40	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	113627	48.80	ng		94
59) Diethylphthalate	10.18	149	460786	44.14	ng		96
60) 4-Chlorophenyl-phenylether	10.30	204	225992	48.30	ng	#	85
61) 4-Nitroaniline	10.35	138	85424	33.43	ng		96
62) Azobenzene	10.46	77	479459	47.55	ng		85
64) 4,6-Dinitro-2-methylphenol	10.38	198	58595	35.06	ng		88
65) n-Nitrosodiphenylamine	10.42	169	406554	47.18	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	129021	48.27	ng	#	76
67) Hexachlorobenzene	10.85	284	132062	46.32	ng	#	82
68) Atrazine	10.96	200	140197	52.55	ng		96
69) Pentachlorophenol	11.06	266	76074	66.74	ng		99
70) Phenanthrene	11.27	178	690791	47.12	ng		98
71) Anthracene	11.31	178	677581	45.90	ng		100
72) Carbazole	11.49	167	601189	46.18	ng		99
73) Di-n-butylphthalate	11.81	149	786508	50.65	ng	#	98
74) Fluoranthene	12.45	202	643920	42.79	ng		98
76) Benzidine	12.58	184	128740	24.99	ng		98
77) Pyrene	12.67	202	650805	56.36	ng		99
79) Butylbenzylphthalate	13.30	149	285551	58.81	ng	#	78
80) Benzo(a)anthracene	13.88	228	458918	45.60	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	49156	14.08	ng		96
82) Chrysene	13.91	228	443681	46.67	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	358850	55.19	ng	#	95
84) Di-n-octyl phthalate	14.48	149	510337	47.56	ng		99
85) Indeno(1,2,3-cd)pyrene	16.65	276	448750	51.37	ng		100
87) Benzo(b)fluoranthene	14.90	252	395257m	40.24	ng		
88) Benzo(k)fluoranthene	14.93	252	408614m	51.03	ng		
89) Benzo(a)pyrene	15.25	252	393555	46.25	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	378918	53.22	ng		100
91) Benzo(g,h,i)perylene	17.06	276	385232	54.68	ng		99

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

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