Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
Data File : BF082133.D
Acq On : 8 Oct 2015 18:07
Operator : UM/IZ
Sample : G3945-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP215BR-20-21MSD

Quant Time: Oct 09 06:00:54 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 05:03:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	83547	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	334925	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	177091	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	343951	20.00	ng		0.00
75) Chrysene-d12	14.04	240	319274	20.00	ng		-0.01
86) Perylene-d12	15.48	264	234654	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	594051	129.08	ng		0.01
7) Phenol-d6	6.50	99	812470	140.29	ng		0.01
23) Nitrobenzene-d5	7.44	82	513548	102.21	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	224105	124.95	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	965925	92.95	ng		0.00
78) Terphenyl-d14	12.98	244	1017906	113.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	73140	36.54	ng		87
3) Pyridine	3.22	79	153085	29.38	ng		86
4) n-Nitrosodimethylamine	3.18	42	69128	29.21	ng		98
6) Aniline	6.53	93	92613	11.90	ng	#	72
8) 2-Chlorophenol	6.65	128	182142	35.84	ng		96
9) Benzaldehyde	6.41	77	9873	2.60	ng	#	78
10) Phenol	6.51	94	255381	39.31	ng		70
11) bis(2-Chloroethyl)ether	6.61	93	188892	37.49	ng		92
12) 1,3-Dichlorobenzene	6.80	146	201500	33.56	ng	#	93
13) 1,4-Dichlorobenzene	6.88	146	216713	34.57	ng	#	94
14) 1,2-Dichlorobenzene	7.03	146	184526m	33.04	ng		
15) Benzyl Alcohol	7.01	79	140331	33.57	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.14	45	250600	35.19	ng		83
17) 2-Methylphenol	7.12	107	145766	35.38	ng	#	83
18) Hexachloroethane	7.37	117	71387	36.38	ng	#	85
19) n-Nitroso-di-n-propylamine	7.28	70	126666	35.99	ng	#	77
20) 3+4-Methylphenols	7.28	107	181875	34.95	ng	#	49
22) Acetophenone	7.28	105	317667	46.39	ng	#	82
24) Nitrobenzene	7.45	77	186165	34.12	ng	#	68
25) Isophorone	7.69	82	360199	36.17	ng	#	94
26) 2-Nitrophenol	7.77	139	102084	38.98	ng	#	82
27) 2,4-Dimethylphenol	7.81	122	173727	37.71	ng	#	79
28) bis(2-Chloroethoxy)methane	7.91	93	213194	36.05	ng	#	94
29) 2,4-Dichlorophenol	8.01	162	175361	39.26	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	184929	37.08	ng		99
31) Naphthalene	8.17	128	534371	36.01	ng		98
32) Benzoic acid	7.87	122	9947	10.40	ng		86
33) 4-Chloroaniline	8.23	127	39411	6.14	ng	#	93
34) Hexachlorobutadiene	8.29	225	107964	36.60	ng		99
35) Caprolactam	8.59	113	61907m	50.06	ng		
36) 4-Chloro-3-methylphenol	8.71	107	161874	37.06	ng	#	79
37) 2-Methylnaphthalene	8.87	142	363692	35.90	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	219136	40.31	ng		99
40) Hexachlorocyclopentadiene	9.02	237	191059	68.24	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	118722	31.85	ng		100
43) 2,4,5-Trichlorophenol	9.19	196	135314	35.30	ng	#	95
45) 1,1'-Biphenyl	9.33	154	541303	39.62	ng		95
46) 2-Chloronaphthalene	9.36	162	354523	33.05	ng		97
47) 2-Nitroaniline	9.45	65	102559	32.57	ng	#	69
48) Acenaphthylene	9.77	152	591515	34.45	ng		97
49) Dimethylphthalate	9.63	163	639146	52.29	ng	#	98
50) 2,6-Dinitrotoluene	9.70	165	90532	34.11	ng	#	88
51) Acenaphthene	9.94	154	368785	36.17	ng		89
52) 3-Nitroaniline	9.86	138	50291	16.38	ng	#	70
53) 2,4-Dinitrophenol	9.98	184	38144	43.20	ng	#	78
54) Dibenzofuran	10.11	168	521039	36.16	ng	#	91
55) 4-Nitrophenol	10.03	139	154520	69.65	ng	#	59
56) 2,4-Dinitrotoluene	10.10	165	131862	38.98	ng	#	99
57) Fluorene	10.46	166	412604	39.79	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.23	232	111229	36.58	ng		97
59) Diethylphthalate	10.33	149	430380	37.69	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	187726	35.59	ng	#	87
61) 4-Nitroaniline	10.48	138	94558	30.72	ng	#	46
62) Azobenzene	10.61	77	411216	36.90	ng		90
64) 4,6-Dinitro-2-methylphenol	10.50	198	50638	34.79	ng		90
65) n-Nitrosodiphenylamine	10.57	169	371220	35.67	ng		92
66) 4-Bromophenyl-phenylether	10.94	248	126680	36.53	ng		100
67) Hexachlorobenzene	10.99	284	123438	31.54	ng	#	77
68) Atrazine	11.10	200	141052	43.68	ng		83
69) Pentachlorophenol	11.20	266	156370	70.12	ng		98
70) Phenanthrene	11.42	178	590452	35.31	ng		97
71) Anthracene	11.48	178	620188	35.48	ng		98
72) Carbazole	11.62	167	561129	35.46	ng		95
73) Di-n-butylphthalate	11.96	149	689336	42.71	ng	#	99
74) Fluoranthene	12.61	202	650168	35.29	ng		88
76) Benzidine	12.73	184	328474	34.15	ng		98
77) Pyrene	12.84	202	664137	34.82	ng		96
79) Butylbenzylphthalate	13.45	149	282579	39.37	ng		92
80) Benzo(a)anthracene	14.02	228	568432	33.06	ng		97
81) 3,3'-Dichlorobenzidine	13.99	252	115756	19.94	ng	#	93
82) Chrysene	14.06	228	518950	29.57	ng		95
83) Bis(2-ethylhexyl)phthalate	14.01	149	403666	44.84	ng		94
84) Di-n-octyl phthalate	14.62	149	635405	43.37	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.89	276	450965	33.53	ng	#	87
87) Benzo(b)fluoranthene	15.05	252	525290m	39.21	ng		
88) Benzo(k)fluoranthene	15.09	252	400258m	32.60	ng		
89) Benzo(a)pyrene	15.42	252	439988	37.86	ng	#	85
90) Dibenzo(a,h)anthracene	16.92	278	372250	38.18	ng	#	79
91) Benzo(g,h,i)perylene	17.33	276	373081	37.34	ng	#	75

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

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