Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060916\
Data File : BF087862.D
Acq On : 9 Jun 2016 19:53
Operator : UM/SJ
Sample : H3380-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U5-B1(0-12)CMSD

Quant Time: Jun 10 11:06:28 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	127157	20.00	ng		-0.02
21) Naphthalene-d8	8.11	136	498896	20.00	ng		-0.01
38) Acenaphthene-d10	9.86	164	201578	20.00	ng		-0.02
63) Phenanthrene-d10	11.34	188	307011	20.00	ng		-0.02
75) Chrysene-d12	13.97	240	253874	20.00	ng		-0.02
86) Perylene-d12	15.37	264	202902	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	679813	91.40	ng		0.00
7) Phenol-d6	6.47	99	1111387	123.29	ng		-0.01
23) Nitrobenzene-d5	7.39	82	684564	80.13	ng		-0.02
41) 2,4,6-Tribromophenol	10.64	330	93611	43.98	ng		-0.03
44) 2-Fluorobiphenyl	9.19	172	1116446	87.15	ng		-0.02
78) Terphenyl-d14	12.91	244	719720	64.51	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	128237	35.48	ng	#	33
3) Pyridine	3.15	79	372148	43.61	ng		97
4) n-Nitrosodimethylamine	3.12	42	170749	47.25	ng		87
6) Aniline	6.48	93	151688	11.82	ng	#	1
8) 2-Chlorophenol	6.62	128	307112	34.88	ng	#	80
9) Benzaldehyde	6.36	77	48712	6.65	ng		94
10) Phenol	6.48	94	348388	36.99	ng		80
11) bis(2-Chloroethyl)ether	6.57	93	516781	65.38	ng	#	82
12) 1,3-Dichlorobenzene	6.76	146	384709	40.73	ng		98
13) 1,4-Dichlorobenzene	6.84	146	427952	44.97	ng		98
14) 1,2-Dichlorobenzene	6.99	146	353126m	40.81	ng		
15) Benzyl Alcohol	6.97	79	280413	39.76	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	437218	40.94	ng		89
17) 2-Methylphenol	7.08	107	300887	42.14	ng		100
18) Hexachloroethane	7.34	117	205961	61.00	ng		89
19) n-Nitroso-di-n-propylamine	7.26	70	296977	51.50	ng	#	84
20) 3+4-Methylphenols	7.24	107	367452	44.11	ng		91
22) Acetophenone	7.24	105	516378	46.32	ng	#	90
24) Nitrobenzene	7.42	77	467812	56.53	ng		97
25) Isophorone	7.66	82	729909	46.12	ng	#	92
26) 2-Nitrophenol	7.72	139	103295m	23.30	ng		
27) 2,4-Dimethylphenol	7.77	122	338044	41.41	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	420951	42.89	ng	#	97
29) 2,4-Dichlorophenol	7.98	162	221565	32.51	ng		89
30) 1,2,4-Trichlorobenzene	8.06	180	338549	45.62	ng		98
31) Naphthalene	8.14	128	1183148	47.92	ng		100
33) 4-Chloroaniline	8.18	127	195578	17.74	ng		98
34) Hexachlorobutadiene	8.25	225	166293	42.49	ng		99
35) Caprolactam	8.55	113	101649	45.03	ng	#	78
36) 4-Chloro-3-methylphenol	8.67	107	308749	42.36	ng		97
37) 2-Methylnaphthalene	8.82	142	759355m	46.66	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	276778	58.83	ng	#	1
40) Hexachlorocyclopentadiene	8.97	237	40534	12.47	ng		100
42) 2,4,6-Trichlorophenol	9.10	196	49194	12.20	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.14	196	82909	19.77	ng	#	83
45) 1,1'-Biphenyl	9.29	154	782037	52.76	ng		94
46) 2-Chloronaphthalene	9.31	162	619227	47.47	ng	#	91
47) 2-Nitroaniline	9.40	65	193731	50.35	ng		89
48) Acenaphthylene	9.72	152	951078	45.84	ng		99
49) Dimethylphthalate	9.59	163	738778	50.59	ng		99
50) 2,6-Dinitrotoluene	9.64	165	142564	42.63	ng	#	59
51) Acenaphthene	9.90	154	611192	47.22	ng		98
52) 3-Nitroaniline	9.82	138	157088	40.71	ng		84
53) 2,4-Dinitrophenol	9.92	184	278	3.30	ng	#	9
54) Dibenzofuran	10.07	168	858137	48.14	ng		97
55) 4-Nitrophenol	9.96	139	25728	8.59	ng		96
56) 2,4-Dinitrotoluene	10.04	165	190558	44.34	ng	#	74
57) Fluorene	10.41	166	565542	47.18	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	24102	7.31	ng	#	63
59) Diethylphthalate	10.28	149	710655	48.08	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	254787	42.98	ng		98
61) 4-Nitroaniline	10.42	138	157360	42.99	ng		98
62) Azobenzene	10.56	77	650451	44.50	ng		93
64) 4,6-Dinitro-2-methylphenol	10.44	198	1688	3.00	ng	#	50
65) n-Nitrosodiphenylamine	10.51	169	489462	48.05	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	162899	49.46	ng	#	89
67) Hexachlorobenzene	10.95	284	155394	45.41	ng		98
68) Atrazine	11.05	200	160425	52.00	ng		99
69) Pentachlorophenol	11.14	266	26118	14.48	ng		99
70) Phenanthrene	11.36	178	861405	53.47	ng		99
71) Anthracene	11.42	178	865237	53.24	ng		99
72) Carbazole	11.56	167	691879	45.50	ng		100
73) Di-n-butylphthalate	11.90	149	914515	47.51	ng		100
74) Fluoranthene	12.55	202	1059378	62.31	ng		96
76) Benzidine	12.66	184	259723	36.95	ng		99
77) Pyrene	12.78	202	998483	53.00	ng		99
79) Butylbenzylphthalate	13.39	149	395476	47.48	ng		98
80) Benzo(a)anthracene	13.95	228	734262	50.75	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	142478	36.62	ng	#	98
82) Chrysene	13.99	228	589658	43.32	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	450013	44.38	ng	#	98
84) Di-n-octyl phthalate	14.56	149	806425	48.95	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.74	276	557569	44.09	ng	#	100
87) Benzo(b)fluoranthene	14.97	252	658409m	46.56	ng		
88) Benzo(k)fluoranthene	15.01	252	615501m	57.70	ng		
89) Benzo(a)pyrene	15.31	252	576720	50.40	ng		99
90) Dibenzo(a,h)anthracene	16.75	278	450366	42.38	ng		99
91) Benzo(g,h,i)perylene	17.15	276	455548	41.67	ng		99

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

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