Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052416\
Data File : BF087354.D
Acq On : 25 May 2016 00:16
Operator : UM/SJ
Sample : H3191-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHS-STA-1711(0-4)MS

Quant Time: May 25 15:50:47 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 00:58:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	116102	20.00	ng		-0.01
21) Naphthalene-d8	9.59	136	465745	20.00	ng		-0.01
38) Acenaphthene-d10	12.42	164	223919	20.00	ng		0.00
63) Phenanthrene-d10	14.82	188	436346	20.00	ng		0.00
75) Chrysene-d12	18.51	240	350986	20.00	ng		0.00
86) Perylene-d12	20.18	264	240851	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	944514	142.95	ng		0.03
7) Phenol-d6	7.11	99	1186999	132.95	ng		0.00
23) Nitrobenzene-d5	8.48	82	903536	97.77	ng		-0.01
41) 2,4,6-Tribromophenol	13.73	330	338054	157.10	ng		0.00
44) 2-Fluorobiphenyl	11.37	172	1507566	94.92	ng		-0.01
78) Terphenyl-d14	17.17	244	1532724	92.84	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	121496m	34.85	ng		
3) Pyridine	2.71	79	199210m	26.14	ng		
4) n-Nitrosodimethylamine	2.58	42	251518	42.83	ng	#	48
6) Aniline	7.07	93	167125	14.47	ng		94
8) 2-Chlorophenol	7.24	128	384688	46.69	ng		91
9) Benzaldehyde	6.92	77	31139	6.32	ng		98
10) Phenol	7.13	94	461313	47.32	ng		80
11) bis(2-Chloroethyl)ether	7.20	93	392433	49.73	ng		85
12) 1,3-Dichlorobenzene	7.46	146	361670	40.24	ng		96
13) 1,4-Dichlorobenzene	7.59	146	371440	40.26	ng		96
14) 1,2-Dichlorobenzene	7.82	146	357603	41.90	ng		98
15) Benzyl Alcohol	7.86	79	363392	55.83	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.06	45	758810	42.74	ng		98
17) 2-Methylphenol	8.07	107	315108	47.72	ng	#	84
18) Hexachloroethane	8.33	117	136571	39.68	ng		96
19) n-Nitroso-di-n-propylamine	8.27	70	325262	48.85	ng	#	68
20) 3+4-Methylphenols	8.33	107	414070	51.87	ng	#	60
22) Acetophenone	8.24	105	571811	51.39	ng	#	96
24) Nitrobenzene	8.50	77	465800	47.75	ng		97
25) Isophorone	8.90	82	820620	49.51	ng		98
26) 2-Nitrophenol	9.00	139	200027	50.16	ng	#	70
27) 2,4-Dimethylphenol	9.15	122	350941	50.70	ng		90
28) bis(2-Chloroethoxy)methane	9.28	93	488400	52.32	ng		98
29) 2,4-Dichlorophenol	9.43	162	331277	53.10	ng		99
30) 1,2,4-Trichlorobenzene	9.51	180	334607	46.85	ng		95
31) Naphthalene	9.62	128	1146704	49.13	ng		99
32) Benzoic acid	9.48	122	171090	48.00	ng	#	80
33) 4-Chloroaniline	9.79	127	75300	8.76	ng	#	92
34) Hexachlorobutadiene	9.84	225	190178	43.81	ng		98
35) Caprolactam	10.41	113	90025m	49.45	ng		
36) 4-Chloro-3-methylphenol	10.64	107	378173	53.62	ng		95
37) 2-Methylnaphthalene	10.75	142	743190	50.97	ng		96
39) 1,2,4,5-Tetrachlorobenzene	11.03	216	320573	44.72	ng		98
40) Hexachlorocyclopentadiene	10.99	237	235520	79.86	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.26	196	211276	51.07	ng		92
43) 2,4,5-Trichlorophenol	11.34	196	211808	50.27	ng	#	93
45) 1,1'-Biphenyl	11.52	154	915340	48.55	ng		97
46) 2-Chloronaphthalene	11.53	162	686769	47.61	ng	#	91
47) 2-Nitroaniline	11.75	65	282430	54.35	ng	#	75
48) Acenaphthylene	12.19	152	1124208	49.23	ng		99
49) Dimethylphthalate	12.08	163	891220	49.69	ng		100
50) 2,6-Dinitrotoluene	12.17	165	190657	52.75	ng		91
51) Acenaphthene	12.48	154	696259	49.61	ng		98
52) 3-Nitroaniline	12.43	138	73215	19.74	ng	#	77
53) 2,4-Dinitrophenol	12.63	184	176882	94.34	ng	#	77
54) Dibenzofuran	12.76	168	1017746	53.56	ng		96
55) 4-Nitrophenol	12.81	139	190506	107.66	ng	#	56
56) 2,4-Dinitrotoluene	12.83	165	261307	54.09	ng		90
57) Fluorene	13.31	166	831896	50.49	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.00	232	195012	60.17	ng		97
59) Diethylphthalate	13.23	149	917623	52.62	ng		97
60) 4-Chlorophenyl-phenylether	13.35	204	395355	49.20	ng		89
61) 4-Nitroaniline	13.44	138	156900	45.32	ng	#	66
62) Azobenzene	13.60	77	1016977	56.21	ng		86
64) 4,6-Dinitro-2-methylphenol	13.50	198	131434	47.37	ng	#	76
65) n-Nitrosodiphenylamine	13.57	169	687356	48.71	ng		100
66) 4-Bromophenyl-phenylether	14.13	248	231098	48.41	ng		95
67) Hexachlorobenzene	14.21	284	239481	47.97	ng	#	87
68) Atrazine	14.48	200	163279	36.30	ng		94
69) Pentachlorophenol	14.56	266	196102	122.80	ng		99
70) Phenanthrene	14.87	178	1248391	51.65	ng		99
71) Anthracene	14.95	178	1231771	50.45	ng		100
72) Carbazole	15.23	167	1054081	50.62	ng		99
73) Di-n-butylphthalate	15.81	149	1351218	50.17	ng	#	98
74) Fluoranthene	16.62	202	1208535	49.86	ng		96
77) Pyrene	16.93	202	1243572	49.22	ng		100
79) Butylbenzylphthalate	17.83	149	544432	48.59	ng	#	68
80) Benzo(a)anthracene	18.50	228	1002795	50.23	ng		99
81) 3,3'-Dichlorobenzidine	18.49	252	75499	6.85	ng		99
82) Chrysene	18.55	228	991333	50.03	ng		100
83) Bis(2-ethylhexyl)phthalate	18.57	149	772466	47.25	ng	#	96
84) Di-n-octyl phthalate	19.35	149	1219929	48.93	ng	#	86
85) Indeno(1,2,3-cd)pyrene	21.42	276	718047	45.21	ng		95
87) Benzo(b)fluoranthene	19.77	252	779532m	50.81	ng		
88) Benzo(k)fluoranthene	19.81	252	815409m	61.75	ng		
89) Benzo(a)pyrene	20.13	252	738777	55.68	ng	#	96
90) Dibenzo(a,h)anthracene	21.43	278	613350	54.19	ng	#	92
91) Benzo(g,h,i)perylene	21.77	276	599646	53.70	ng		94

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

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