Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088388.D
Acq On : 25 Jun 2016 20:37
Operator : UM/SJ
Sample : H3602-09MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB-B1(0-12)CMS

Quant Time: Jun 26 03:44:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	76759	20.00	ng		-0.05
21) Naphthalene-d8	7.85	136	311679	20.00	ng		-0.05
38) Acenaphthene-d10	9.60	164	135283	20.00	ng		-0.05
63) Phenanthrene-d10	11.07	188	216838	20.00	ng		-0.05
75) Chrysene-d12	13.69	240	142681	20.00	ng		-0.06
86) Perylene-d12	15.05	264	126484	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	463529	103.24	ng		-0.02
7) Phenol-d6	6.24	99	562261	103.33	ng		-0.02
23) Nitrobenzene-d5	7.14	82	346485	64.92	ng		-0.03
41) 2,4,6-Tribromophenol	10.39	330	120009	84.01	ng		-0.05
44) 2-Fluorobiphenyl	8.92	172	651180	74.96	ng		-0.05
78) Terphenyl-d14	12.65	244	450039	71.77	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	53876	24.69	ng	#	15
3) Pyridine	2.65	79	128224	24.89	ng		90
4) n-Nitrosodimethylamine	2.60	42	60127	27.56	ng	#	77
6) Aniline	6.23	93	121664	15.71	ng	#	86
8) 2-Chlorophenol	6.35	128	192251	36.17	ng		90
10) Phenol	6.25	94	243392	43.22	ng		95
11) bis(2-Chloroethyl)ether	6.31	93	187920	39.38	ng		88
12) 1,3-Dichlorobenzene	6.50	146	175733m	30.82	ng		
13) 1,4-Dichlorobenzene	6.58	146	187270m	32.60	ng		
14) 1,2-Dichlorobenzene	6.73	146	175311m	33.56	ng		
15) Benzyl Alcohol	6.73	79	133706	31.41	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.86	45	175052	27.15	ng	#	1
17) 2-Methylphenol	6.86	107	139372	32.34	ng	#	89
18) Hexachloroethane	7.06	117	55646	27.30	ng	#	80
19) n-Nitroso-di-n-propylamine	6.99	70	115365	33.14	ng		91
20) 3+4-Methylphenols	7.02	107	183677	36.53	ng	#	79
22) Acetophenone	6.99	105	259125	37.20	ng	#	95
24) Nitrobenzene	7.16	77	165941	32.10	ng		96
25) Isophorone	7.40	82	327213	33.10	ng	#	94
26) 2-Nitrophenol	7.47	139	90013	32.50	ng		93
27) 2,4-Dimethylphenol	7.53	122	145179	28.47	ng		91
28) bis(2-Chloroethoxy)methane	7.62	93	219109	35.73	ng		97
29) 2,4-Dichlorophenol	7.74	162	150779	35.41	ng		93
30) 1,2,4-Trichlorobenzene	7.79	180	149788	32.31	ng		99
31) Naphthalene	7.87	128	553019	35.85	ng		99
33) 4-Chloroaniline	7.94	127	101267	14.70	ng		95
34) Hexachlorobutadiene	7.99	225	77491	31.69	ng		98
35) Caprolactam	8.31	113	44766	31.74	ng		87
36) 4-Chloro-3-methylphenol	8.44	107	156797	34.44	ng		93
37) 2-Methylnaphthalene	8.56	142	324900m	31.96	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	146093	39.96	ng	#	1
42) 2,4,6-Trichlorophenol	8.86	196	92987	34.37	ng		97
43) 2,4,5-Trichlorophenol	8.90	196	93502	33.22	ng	#	82
45) 1,1'-Biphenyl	9.03	154	421145	40.91	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	9.05	162	321185	36.69	ng		97
47) 2-Nitroaniline	9.16	65	89961	34.84	ng	#	61
48) Acenaphthylene	9.46	152	471492	33.86	ng		98
49) Dimethylphthalate	9.34	163	429321	43.81	ng		99
50) 2,6-Dinitrotoluene	9.40	165	81365	36.25	ng		94
51) Acenaphthene	9.63	154	279691	32.20	ng		99
52) 3-Nitroaniline	9.58	138	71483	27.60	ng		84
54) Dibenzofuran	9.80	168	400227	33.46	ng		95
55) 4-Nitrophenol	9.77	139	47751m	23.76	ng		
56) 2,4-Dinitrotoluene	9.80	165	90077	31.23	ng	#	44
57) Fluorene	10.14	166	292437	35.11	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.93	232	70353	31.81	ng	#	57
59) Diethylphthalate	10.03	149	384926	38.80	ng		99
60) 4-Chlorophenyl-phenylether	10.14	204	139603	35.09	ng		97
61) 4-Nitroaniline	10.19	138	78344	31.89	ng		92
62) Azobenzene	10.30	77	329738	33.61	ng		96
64) 4,6-Dinitro-2-methylphenol	10.23	198	5127	5.78	ng		78
65) n-Nitrosodiphenylamine	10.26	169	295364	41.05	ng		99
66) 4-Bromophenyl-phenylether	10.63	248	86559	37.21	ng		92
67) Hexachlorobenzene	10.68	284	83529	34.56	ng		92
68) Atrazine	10.80	200	81830	37.56	ng		99
69) Pentachlorophenol	10.89	266	56737	44.53	ng		98
70) Phenanthrene	11.10	178	397692	34.95	ng		98
71) Anthracene	11.14	178	423445	36.89	ng		99
72) Carbazole	11.31	167	394815	36.76	ng		98
73) Di-n-butylphthalate	11.64	149	533986	39.27	ng		98
74) Fluoranthene	12.27	202	364357	30.34	ng		99
76) Benzidine	12.41	184	166575	42.16	ng		98
77) Pyrene	12.50	202	375234	35.44	ng		98
79) Butylbenzylphthalate	13.13	149	194614	41.58	ng		95
80) Benzo(a)anthracene	13.68	228	289044	35.55	ng		99
81) 3,3'-Dichlorobenzidine	13.66	252	86720	39.66	ng	#	97
82) Chrysene	13.72	228	323883	42.34	ng		97
83) Bis(2-ethylhexyl)phthalate	13.69	149	255623	44.86	ng	#	98
84) Di-n-octyl phthalate	14.30	149	443313	47.88	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.27	276	239782	33.74	ng	#	100
87) Benzo(b)fluoranthene	14.68	252	265595m	30.13	ng		
88) Benzo(k)fluoranthene	14.71	252	266824m	40.12	ng		
89) Benzo(a)pyrene	14.99	252	253289	35.51	ng		98
90) Dibenzo(a,h)anthracene	16.29	278	204930	30.93	ng		95
91) Benzo(g,h,i)perylene	16.65	276	195724	28.72	ng		97

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

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