Quantitation Report (QT/LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103164.D
Acq On : 22 Feb 2018 16:10
Operator : SJ/JU
Sample : J1396-01 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-022118

Quant Time: Feb 23 03:07:00 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	176901	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	734357	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	311227	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	475502	20.00	ng		0.00
75) Chrysene-d12	14.04	240	310253	20.00	ng		0.00
86) Perylene-d12	15.55	264	309434	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	518617	44.34	ng		0.00
7) Phenol-d6	6.50	99	621466	43.42	ng		0.00
23) Nitrobenzene-d5	7.43	82	388315	30.20	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	104074	39.51	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	633872	29.16	ng		0.00
78) Terphenyl-d14	12.98	244	442954	34.32	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.66	79	140	0.008	ng	#	9
4) n-Nitrosodimethylamine	3.36	42	631	0.095	ng	#	1
6) Aniline	6.64	93	1020	0.049	ng	#	1
8) 2-Chlorophenol	6.65	128	234	0.019	ng	#	1
10) Phenol	6.51	94	3386	0.204	ng	#	1
11) bis(2-Chloroethyl)ether	6.64	93	1020	0.081	ng	#	1
15) Benzyl Alcohol	7.02	79	6982	0.647	ng	#	47
16) 2,2'-oxybis(1-Chloropropan	7.14	45	424	0.020	ng		65
17) 2-Methylphenol	7.12	107	113	0.010	ng	#	11
18) Hexachloroethane	7.43	117	109	0.022	ng	#	2
20) 3+4-Methylphenols	7.12	107	113	0.008	ng	#	20
22) Acetophenone	7.30	105	121	0.007	ng	#	1
24) Nitrobenzene	7.47	77	106	0.007	ng	#	38
27) 2,4-Dimethylphenol	7.80	122	282	0.028	ng	#	4
28) bis(2-Chloroethoxy)methane	7.89	93	113	0.008	ng	#	1
31) Naphthalene	8.17	128	1567	0.044	ng	#	78
33) 4-Chloroaniline	8.20	127	109	0.007	ng	#	1
35) Caprolactam	8.59	113	239	0.070	ng	#	1
36) 4-Chloro-3-methylphenol	8.70	107	132	0.012	ng	#	20
37) 2-Methylnaphthalene	8.86	142	1495	0.064	ng	#	88
45) 1,1'-Biphenyl	9.33	154	2625	0.101	ng		96
46) 2-Chloronaphthalene	9.44	162	106	0.005	ng	#	37
47) 2-Nitroaniline	9.43	65	1609	0.211	ng	#	19
48) Acenaphthylene	9.77	152	1595	0.050	ng	#	72
49) Dimethylphthalate	9.62	163	52541	2.104	ng		96
51) Acenaphthene	9.94	154	851	0.046	ng	#	50
52) 3-Nitroaniline	9.86	138	191	0.029	ng	#	1
54) Dibenzofuran	10.12	168	1793	0.071	ng	#	60
55) 4-Nitrophenol	10.03	139	324	0.079	ng	#	50
56) 2,4-Dinitrotoluene	10.17	165	6057	0.914	ng	#	49
57) Fluorene	10.46	166	3045	0.141	ng	#	94
58) 2,3,4,6-Tetrachlorophenol	10.24	232	145	0.033	ng	#	1
59) Diethylphthalate	10.32	149	180756	7.570	ng		99
61) 4-Nitroaniline	10.47	138	1936	0.292	ng		87

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
62) Azobenzene	10.62	77	1451	0.060	ng	#	1
65) n-Nitrosodiphenylamine	10.56	169	1329	0.080	ng	#	63
66) 4-Bromophenyl-phenylether	10.70	248	7268	1.467	ng	#	1
70) Phenanthrene	11.42	178	16644	0.636	ng		95
71) Anthracene	11.47	178	5364	0.200	ng		98
72) Carbazole	11.62	167	10750	0.402	ng	#	93
73) Di-n-butylphthalate	11.94	149	8526	0.255	ng	#	94
74) Fluoranthene	12.61	202	17634	0.671	ng		84
76) Benzidine	12.77	184	475	0.041	ng	#	1
77) Pyrene	12.84	202	19833	0.820	ng	#	93
79) Butylbenzylphthalate	13.45	149	10812	0.846	ng	#	83
80) Benzo(a)anthracene	14.03	228	23523	1.169	ng	#	87
81) 3,3'-Dichlorobenzidine	14.01	252	1135	0.158	ng	#	49
82) Chrysene	14.07	228	26421	1.352	ng	#	94
83) Bis(2-ethylhexyl)phthalate	14.01	149	23987	1.391	ng	#	93
84) Di-n-octyl phthalate	14.64	149	34633	1.243	ng	#	75
85) Indeno(1,2,3-cd)pyrene	17.07	276	15457	0.999	ng		95
87) Benzo(b)fluoranthene	15.11	252	30810	1.514	ng	#	54
88) Benzo(k)fluoranthene	15.14	252	28593	1.492	ng	#	59
89) Benzo(a)pyrene	15.49	252	25278	1.391	ng	#	52
90) Dibenzo(a,h)anthracene	17.08	278	9347	0.666	ng	#	21
91) Benzo(g,h,i)perylene	17.53	276	13367	0.974	ng	#	68

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

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