Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103167.D
Acq On : 22 Feb 2018 17:30
Operator : SJ/JU
Sample : J1396-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Manual Integrations APPROVED
Sohil
2/23/2018 10:20:41 AM

Quant Time: Feb 23 08:41:24 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 22 14:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	155903	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	626009	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	241561	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	350531	20.00	ng		0.00
75) Chrysene-d12	14.04	240	280554	20.00	ng		0.00
86) Perylene-d12	15.55	264	210584	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	893856	86.71	ng		0.00
7) Phenol-d6	6.50	99	1041480	82.57	ng		0.00
23) Nitrobenzene-d5	7.43	82	665196	60.68	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	155222	75.92	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1003778	68.26	ng		0.00
78) Terphenyl-d14	12.98	244	697852	59.79	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.47	79	119	0.008	ng	#	21
4) n-Nitrosodimethylamine	3.36	42	115	0.020	ng	#	1
6) Aniline	6.51	93	114	0.006	ng	#	1
8) 2-Chlorophenol	6.65	128	241	0.023	ng	#	1
9) Benzaldehyde	6.64	77	18341	1.384	ng		81
10) Phenol	6.52	94	6942	0.474	ng		78
11) bis(2-Chloroethyl)ether	6.64	93	1230	0.111	ng	#	1
12) 1,3-Dichlorobenzene	7.03	146	234	0.019	ng	#	1
13) 1,4-Dichlorobenzene	7.03	146	234	0.019	ng	#	1
14) 1,2-Dichlorobenzene	7.03	146	234	0.021	ng	#	1
15) Benzyl Alcohol	7.03	79	11517	1.212	ng	#	31
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1232	0.065	ng		70
18) Hexachloroethane	7.40	117	125	0.028	ng	#	1
22) Acetophenone	7.26	105	686	0.047	ng	#	40
24) Nitrobenzene	7.43	77	1725	0.143	ng	#	19
28) bis(2-Chloroethoxy)methane	8.03	93	468	0.037	ng	#	1
31) Naphthalene	8.17	128	2635	0.086	ng	#	92
33) 4-Chloroaniline	8.17	127	343	0.026	ng	#	35
35) Caprolactam	8.56	113	292	0.100	ng	#	1
36) 4-Chloro-3-methylphenol	8.76	107	748	0.080	ng	#	20
37) 2-Methylnaphthalene	8.86	142	3064	0.155	ng		90
45) 1,1'-Biphenyl	9.33	154	3628	0.179	ng		93
46) 2-Chloronaphthalene	9.45	162	108	0.007	ng	#	37
47) 2-Nitroaniline	9.46	65	337	0.057	ng	#	29
48) Acenaphthylene	9.77	152	2745	0.111	ng	#	87
49) Dimethylphthalate	9.62	163	87211	4.500	ng		99
50) 2,6-Dinitrotoluene	9.62	165	1113	0.274	ng	#	1
51) Acenaphthene	9.94	154	1276	0.089	ng		87
52) 3-Nitroaniline	9.90	138	122	0.024	ng	#	1
54) Dibenzofuran	10.12	168	1632	0.083	ng	#	89
55) 4-Nitrophenol	10.06	139	280	0.088	ng	#	42
56) 2,4-Dinitrotoluene	10.19	165	1096	0.213	ng	#	21
57) Fluorene	10.46	166	3945	0.235	ng	#	80
59) Diethylphthalate	10.32	149	36101	1.948	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) 4-Chlorophenyl-phenylether	10.26	204	122	0.017	ng	#	24
61) 4-Nitroaniline	10.57	138	106	0.021	ng	#	29
62) Azobenzene	10.62	77	603	0.032	ng	#	10
65) n-Nitrosodiphenylamine	10.57	169	664	0.054	ng	#	40
70) Phenanthrene	11.42	178	23702	1.229	ng		97
71) Anthracene	11.42	178	23702	1.198	ng		97
72) Carbazole	11.63	167	2772	0.141	ng	#	74
73) Di-n-butylphthalate	11.95	149	4598	0.187	ng	#	91
74) Fluoranthene	12.62	202	25525	1.317	ng		96
76) Benzidine	12.74	184	366	0.035	ng	#	1
77) Pyrene	12.62	202	25525	1.167	ng		96
79) Butylbenzylphthalate	13.46	149	2121	0.184	ng	#	45
80) Benzo(a)anthracene	14.03	228	17848	0.980	ng	#	64
81) 3,3'-Dichlorobenzidine	14.00	252	1389	0.214	ng	#	71
82) Chrysene	14.07	228	23107	1.307	ng	#	76
83) Bis(2-ethylhexyl)phthalate	14.01	149	14338	0.919	ng	#	81
84) Di-n-octyl phthalate	14.63	149	13665	0.542	ng	#	1
85) Indeno(1,2,3-cd)pyrene	17.02	276	818	0.058	ng	#	27
87) Benzo(b)fluoranthene	15.11	252	29812m	2.153	ng		
89) Benzo(a)pyrene	15.49	252	20389	1.649	ng	#	11
90) Dibenzo(a,h)anthracene	17.08	278	8054	0.843	ng	#	1
91) Benzo(g,h,i)perylene	17.53	276	14944	1.600	ng	#	65

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

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