Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092820\
Data File : BN011983.D
Acq On : 28 Sep 2020 14:01
Operator : CG/JU
Sample : L4118-20MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TT180D1-20200921MSD

Quant Time: Sep 28 14:58:47 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 11:18:41 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	1456	0.40	ng	# 0.00
7) Naphthalene-d8	10.453	136	6222	0.40	ng	# 0.00
13) Acenaphthene-d10	14.306	164	3374	0.40	ng	0.00
19) Phenanthrene-d10	17.053	188	6416	0.40	ng	0.00
29) Chrysene-d12	21.248	240	6152	0.40	ng	#-0.01
36) Perylene-d12	23.463	264	6296	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	729	0.14	ng	0.00
5) Phenol-d6	6.845	99	544	0.08	ng	0.00
8) Nitrobenzene-d5	8.818	82	2311	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.042	152	3271	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.803	330	654	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.923	172	4092	0.32	ng	-0.01
27) Fluoranthene-d10	19.087	212	7597	0.40	ng	0.00
31) Terphenyl-d14	19.693	244	6644	0.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.245	88	8082	3.19	ng	# 84
3) n-Nitrosodimethylamine	3.559	42	736	0.20	ng	# 70
6) bis(2-Chloroethyl)ether	7.103	93	1623	0.30	ng	# 85
9) Naphthalene	10.491	128	5545	0.31	ng	99
10) Hexachlorobutadiene	10.782	225	832	0.29	ng	# 99
12) 2-Methylnaphthalene	12.113	142	3534	0.31	ng	# 92
16) Acenaphthylene	14.027	152	5021	0.31	ng	99
17) Acenaphthene	14.369	154	3289	0.30	ng	92
18) Fluorene	15.359	166	4154	0.31	ng	99
20) 4,6-Dinitro-2-methylph...	15.435	198	531	0.43	ng	# 33
21) 4-Bromophenyl-phenylether	16.250	248	1128	0.33	ng	# 71
22) Hexachlorobenzene	16.360	284	1300	0.33	ng	# 78
23) Atrazine	16.518	200	1219	0.37	ng	# 91
24) Pentachlorophenol	16.700	266	2302	1.19	ng	98
25) Phenanthrene	17.090	178	6766	0.34	ng	99
26) Anthracene	17.187	178	6224	0.36	ng	99
28) Fluoranthene	19.117	202	8330	0.38	ng	# 96
30) Pyrene	19.484	202	8604	0.38	ng	99
32) Benzo(a)anthracene	21.237	228	7012	0.35	ng	98
33) Chrysene	21.290	228	7963	0.37	ng	99
34) Bis(2-ethylhexyl)phtha...	21.174	149	5923	0.42	ng	# 90
35) Indeno(1,2,3-cd)pyrene	25.678	276	8282	0.34	ng	# 95
37) Benzo(b)fluoranthene	22.802	252	7599	0.35	ng	# 83
38) Benzo(k)fluoranthene	22.847	252	8077	0.35	ng	# 85
39) Benzo(a)pyrene	23.367	252	6825	0.34	ng	# 73
40) Dibenzo(a,h)anthracene	25.691	278	7208	0.35	ng	# 86
41) Benzo(g,h,i)perylene	26.352	276	7355	0.33	ng	# 92

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

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