Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022222\
Data File : BN018684.D
Acq On : 22 Feb 2022 19:31
Operator : CG/JU
Sample : N1587-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
FIELD-BLANK

Quant Time: Feb 23 02:17:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 16:23:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	6	0.400	ng	# 0.00
7) Naphthalene-d8	10.722	136	4	0.400	ng	# 0.00
13) Acenaphthene-d10	14.591	164	10	0.400	ng	# 0.04
19) Phenanthrene-d10	17.297	188	23	0.400	ng	# 0.01
29) Chrysene-d12	21.476	240	49	0.400	ng	# 0.00
35) Perylene-d12	23.875	264	2	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.442	112	4	0.291	ng	-0.03
5) Phenol-d6	7.067	99	2	0.127	ng	0.00
8) Nitrobenzene-d5	9.078	82	5	1.617	ng	0.01
11) 2-Methylnaphthalene-d10	12.295	152	2	0.332	ng	-0.02
14) 2,4,6-Tribromophenol	16.056	330	6	1.537	ng	0.03
15) 2-Fluorobiphenyl	13.191	172	15	0.316	ng	0.01
27) Fluoranthene-d10	19.324	212	6	0.096	ng	0.01
31) Terphenyl-d14	19.914	244	24	0.226	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	6	0.861	ng	# 55
3) n-Nitrosodimethylamine	3.636	42	19	2.749	ng	# 1
6) bis(2-Chloroethyl)ether	7.320	93	10	0.616	ng	# 36
9) Naphthalene	10.818	128	4	0.347	ng	# 1
10) Hexachlorobutadiene	11.043	225	5	1.801	ng	# 44
16) Acenaphthylene	14.356	152	4	0.084	ng	# 62
17) Acenaphthene	14.645	154	3	0.092	ng	# 4
18) Fluorene	15.692	166	7	0.178	ng	# 59
21) 4-Bromophenyl-phenylether	16.497	248	5	0.306	ng	# 64
22) Hexachlorobenzene	16.610	284	7	0.342	ng	# 1
23) Atrazine	16.702	200	4	0.443	ng	# 2
24) Pentachlorophenol	16.979	266	4	0.771	ng	# 19
25) Phenanthrene	17.338	178	57	0.740	ng	# 78
26) Anthracene	17.441	178	34	0.522	ng	# 37
28) Fluoranthene	19.354	202	79	0.982	ng	# 72
30) Pyrene	19.712	202	100	0.457	ng	96
32) Benzo(a)anthracene	21.476	228	54	0.291	ng	# 1
33) Chrysene	21.512	228	98	0.473	ng	# 20
34) Bis(2-ethylhexyl)phtha...	21.377	149	115	1.523	ng	# 67
36) Indeno(1,2,3-cd)pyrene	26.331	276	25	2.367	ng	# 61
37) Benzo(b)fluoranthene	23.141	252	77	8.474	ng	# 1
38) Benzo(k)fluoranthene	23.182	252	4	0.444	ng	# 1
39) Benzo(a)pyrene	23.755	252	7	0.966	ng	# 1
40) Dibenzo(a,h)anthracene	26.375	278	5	0.607	ng	# 1
41) Benzo(g,h,i)perylene	27.103	276	48	5.313	ng	# 1

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

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