Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061621\
Data File : BN014923.D
Acq On : 16 Jun 2021 16:06
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Jun 16 19:00:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 18:59:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	15872	0.400	ng	# 0.00
7) Naphthalene-d8	10.522	136	73454	0.400	ng	# 0.00
13) Acenaphthene-d10	14.371	164	41581	0.400	ng	0.00
19) Phenanthrene-d10	17.116	188	76487	0.400	ng	0.00
29) Chrysene-d12	21.324	240	68966	0.400	ng	# 0.00
35) Perylene-d12	23.581	264	65748	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.356	112	5448	0.127	ng	-0.02
5) Phenol-d6	6.924	99	6988	0.140	ng	0.00
8) Nitrobenzene-d5	8.887	82	5473	0.090	ng	-0.01
11) 2-Methylnaphthalene-d10	12.115	152	13769	0.100	ng	0.00
14) 2,4,6-Tribromophenol	15.855	330	1861	0.107	ng	-0.01
15) 2-Fluorobiphenyl	13.001	172	16385	0.104	ng	0.00
27) Fluoranthene-d10	19.158	212	26585	0.101	ng	0.00
31) Terphenyl-d14	19.769	244	18138	0.106	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.365	88	719	0.156	ng	# 64
6) bis(2-Chloroethyl)ether	7.191	93	5207	0.138	ng	# 82
9) Naphthalene	10.572	128	21578	0.107	ng	95
10) Hexachlorobutadiene	10.876	225	4255	0.073	ng	# 98
12) 2-Methylnaphthalene	12.190	142	14805	0.105	ng	# 92
16) Acenaphthylene	14.092	152	21750	0.125	ng	98
17) Acenaphthene	14.434	154	13251	0.113	ng	97
18) Fluorene	15.424	166	16361	0.109	ng	98
20) 4,6-Dinitro-2-methylph...	15.500	198	262	0.054	ng	87
21) 4-Bromophenyl-phenylether	16.325	248	5276	0.097	ng	96
22) Hexachlorobenzene	16.422	284	5515	0.089	ng	# 92
23) Atrazine	16.592	200	4528	0.153	ng	98
25) Phenanthrene	17.164	178	24648	0.113	ng	98
26) Anthracene	17.250	178	24030	0.125	ng	99
28) Fluoranthene	19.188	202	28250	0.103	ng	# 97
30) Pyrene	19.550	202	29077	0.142	ng	99
32) Benzo(a)anthracene	21.303	228	26993	0.138	ng	99
33) Chrysene	21.356	228	25891	0.112	ng	99
34) Bis(2-ethylhexyl)phtha...	21.271	149	18662	0.308	ng	# 88
36) Indeno(1,2,3-cd)pyrene	25.861	276	20168	0.102	ng	# 84
37) Benzo(b)fluoranthene	22.907	252	25736	0.123	ng	# 95
38) Benzo(k)fluoranthene	22.951	252	25438	0.102	ng	# 93
39) Benzo(a)pyrene	23.485	252	22170	0.111	ng	# 95
40) Dibenzo(a,h)anthracene	25.881	278	16036	0.106	ng	# 90
41) Benzo(g,h,i)perylene	26.549	276	17968	0.094	ng	# 85

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

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