Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
Data File : BN029955.D
Acq On : 23 Feb 2024 14:16
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Feb 23 17:10:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 23:52:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	5072	0.400	ng		-0.01
7) Naphthalene-d8	10.648	136	13677	0.400	ng		#-0.02
13) Acenaphthene-d10	14.500	164	7047	0.400	ng		-0.01
19) Phenanthrene-d10	17.255	188	14626	0.400	ng		0.00
29) Chrysene-d12	21.456	240	12334	0.400	ng		# 0.00
35) Perylene-d12	23.823	264	11578	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	5545	0.455	ng		0.00
5) Phenol-d6	7.024	99	6377	0.454	ng		-0.01
8) Nitrobenzene-d5	9.014	82	4963	0.436	ng		-0.02
11) 2-Methylnaphthalene-d10	12.246	152	8002	0.430	ng		-0.01
14) 2,4,6-Tribromophenol	16.002	330	1279	0.566	ng		0.00
15) 2-Fluorobiphenyl	13.121	172	11385	0.376	ng		-0.01
27) Fluoranthene-d10	19.289	212	15051	0.425	ng		0.00
31) Terphenyl-d14	19.898	244	11018	0.360	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	2616	0.366	ng		98
3) n-Nitrosodimethylamine	3.680	42	2480	0.426	ng	#	87
6) bis(2-Chloroethyl)ether	7.291	93	5679	0.423	ng		97
9) Naphthalene	10.701	128	15287	0.392	ng		100
10) Hexachlorobutadiene	10.978	225	2923	0.396	ng	#	100
12) 2-Methylnaphthalene	12.318	142	9491	0.415	ng		99
16) Acenaphthylene	14.212	152	12509	0.374	ng		99
17) Acenaphthene	14.554	154	8473	0.377	ng		99
18) Fluorene	15.542	166	10875	0.386	ng		100
20) 4,6-Dinitro-2-methylph...	15.642	198	969	0.451	ng	#	72
21) 4-Bromophenyl-phenylether	16.448	248	3515	0.404	ng	#	82
22) Hexachlorobenzene	16.548	284	4031	0.378	ng		94
23) Atrazine	16.734	200	2861	0.462	ng		95
24) Pentachlorophenol	16.908	266	1882	0.556	ng		100
25) Phenanthrene	17.293	178	16465	0.381	ng		99
26) Anthracene	17.379	178	14761	0.400	ng		99
28) Fluoranthene	19.317	202	19370	0.398	ng		100
30) Pyrene	19.684	202	20491	0.361	ng		100
32) Benzo(a)anthracene	21.438	228	16521	0.392	ng		99
33) Chrysene	21.492	228	18093	0.378	ng		99
34) Bis(2-ethylhexyl)phtha...	21.384	149	17772	0.619	ng		99
36) Indeno(1,2,3-cd)pyrene	26.265	276	18092	0.389	ng		93
37) Benzo(b)fluoranthene	23.101	252	17040	0.412	ng		99
38) Benzo(k)fluoranthene	23.151	252	16997	0.392	ng		99
39) Benzo(a)pyrene	23.718	252	14826	0.411	ng		99
40) Dibenzo(a,h)anthracene	26.294	278	14268	0.385	ng		97
41) Benzo(g,h,i)perylene	27.004	276	16303	0.361	ng		100

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

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