Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051324\
Data File : BN031514.D
Acq On : 13 May 2024 23:51
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 14 00:49:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.704	152	12251	0.400	ng		-0.01
7) Naphthalene-d8	10.485	136	37829	0.400	ng		#-0.01
13) Acenaphthene-d10	14.338	164	19310	0.400	ng		-0.01
19) Phenanthrene-d10	17.078	188	41465	0.400	ng		-0.01
29) Chrysene-d12	21.265	240	32754	0.400	ng		# 0.00
35) Perylene-d12	23.499	264	31188	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.292	112	8990	0.258	ng		0.00
5) Phenol-d6	6.859	99	12573	0.268	ng		-0.01
8) Nitrobenzene-d5	8.851	82	9379	0.345	ng		-0.01
11) 2-Methylnaphthalene-d10	12.077	152	18703	0.307	ng		-0.02
14) 2,4,6-Tribromophenol	15.825	330	1641	0.224	ng		-0.01
15) 2-Fluorobiphenyl	12.959	172	27980	0.376	ng		-0.02
27) Fluoranthene-d10	19.110	212	34011	0.296	ng		0.00
31) Terphenyl-d14	19.713	244	24130	0.301	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	5280	0.350	ng	#	85
3) n-Nitrosodimethylamine	3.551	42	6461	0.434	ng	#	73
6) bis(2-Chloroethyl)ether	7.133	93	14171	0.347	ng		92
9) Naphthalene	10.528	128	37021	0.352	ng		96
10) Hexachlorobutadiene	10.816	225	6502	0.353	ng	#	100
12) 2-Methylnaphthalene	12.149	142	22784	0.318	ng		99
16) Acenaphthylene	14.050	152	29346	0.302	ng		100
17) Acenaphthene	14.392	154	21277	0.351	ng		95
18) Fluorene	15.386	166	26351	0.332	ng		99
20) 4,6-Dinitro-2-methylph...	15.461	198	1458	0.430	ng	#	42
21) 4-Bromophenyl-phenylether	16.284	248	7766	0.320	ng	#	88
22) Hexachlorobenzene	16.383	284	9294	0.379	ng		94
23) Atrazine	16.544	200	4620	0.210	ng	#	89
24) Pentachlorophenol	16.718	266	2254	0.260	ng		98
25) Phenanthrene	17.115	178	41561	0.358	ng		100
26) Anthracene	17.202	178	34445	0.300	ng		100
28) Fluoranthene	19.137	202	45675	0.324	ng		99
30) Pyrene	19.500	202	45143	0.340	ng		100
32) Benzo(a)anthracene	21.247	228	36410	0.288	ng		99
33) Chrysene	21.300	228	41755	0.347	ng		99
34) Bis(2-ethylhexyl)phtha...	21.193	149	12930	0.175	ng		96
36) Indeno(1,2,3-cd)pyrene	25.756	276	38528	0.310	ng		96
37) Benzo(b)fluoranthene	22.826	252	36816	0.329	ng		98
38) Benzo(k)fluoranthene	22.870	252	43680	0.412	ng		97
39) Benzo(a)pyrene	23.399	252	29320	0.301	ng	#	95
40) Dibenzo(a,h)anthracene	25.782	278	30731	0.312	ng		97
41) Benzo(g,h,i)perylene	26.446	276	31050	0.293	ng		97

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

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