Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051324\
Data File : BN031507.D
Acq On : 13 May 2024 19:01
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 14 00:48:12 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	10244	0.400	ng	-0.01
7) Naphthalene-d8	10.485	136	31415	0.400	ng	#-0.01
13) Acenaphthene-d10	14.338	164	16092	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	35010	0.400	ng	-0.01
29) Chrysene-d12	21.265	240	27120	0.400	ng	0.00
35) Perylene-d12	23.502	264	27718	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	7823	0.269	ng	0.00
5) Phenol-d6	6.866	99	10985	0.280	ng	0.00
8) Nitrobenzene-d5	8.852	82	8178	0.363	ng	-0.01
11) 2-Methylnaphthalene-d10	12.077	152	17452	0.345	ng	-0.02
14) 2,4,6-Tribromophenol	15.825	330	1440	0.236	ng	-0.01
15) 2-Fluorobiphenyl	12.959	172	24915	0.402	ng	-0.02
27) Fluoranthene-d10	19.110	212	31690	0.326	ng	0.00
31) Terphenyl-d14	19.714	244	21027	0.317	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	4741	0.376	ng	# 84
3) n-Nitrosodimethylamine	3.544	42	5390	0.433	ng	# 76
6) bis(2-Chloroethyl)ether	7.133	93	12220	0.358	ng	92
9) Naphthalene	10.539	128	31614	0.362	ng	96
10) Hexachlorobutadiene	10.827	225	5598	0.366	ng	# 100
12) 2-Methylnaphthalene	12.153	142	19798	0.332	ng	99
16) Acenaphthylene	14.050	152	25605	0.316	ng	100
17) Acenaphthene	14.392	154	18176	0.360	ng	94
18) Fluorene	15.386	166	22840	0.346	ng	99
20) 4,6-Dinitro-2-methylph...	15.461	198	1219	0.426	ng	# 42
21) 4-Bromophenyl-phenylether	16.284	248	6997	0.341	ng	# 92
22) Hexachlorobenzene	16.383	284	8381	0.405	ng	95
23) Atrazine	16.545	200	4041	0.217	ng	# 90
24) Pentachlorophenol	16.718	266	2005	0.274	ng	98
25) Phenanthrene	17.116	178	36198	0.369	ng	100
26) Anthracene	17.215	178	29676	0.306	ng	99
28) Fluoranthene	19.142	202	39798	0.334	ng	99
30) Pyrene	19.504	202	39233	0.357	ng	100
32) Benzo(a)anthracene	21.247	228	30940	0.296	ng	99
33) Chrysene	21.301	228	36240	0.364	ng	99
34) Bis(2-ethylhexyl)phtha...	21.202	149	11165	0.182	ng	95
36) Indeno(1,2,3-cd)pyrene	25.765	276	34899	0.316	ng	96
37) Benzo(b)fluoranthene	22.829	252	31077	0.312	ng	97
38) Benzo(k)fluoranthene	22.873	252	39892m	0.424	ng	
39) Benzo(a)pyrene	23.402	252	26237	0.303	ng	# 94
40) Dibenzo(a,h)anthracene	25.785	278	27721	0.317	ng	96
41) Benzo(g,h,i)perylene	26.449	276	27618	0.293	ng	97

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

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