Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
Data File : BN031485.D
Acq On : 11 May 2024 05:41
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 11 06:17:29 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	7.711	152	12169	0.400	ng	0.00
7) Naphthalene-d8	10.496	136	38874	0.400	ng	# 0.00
13) Acenaphthene-d10	14.338	164	22447	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	50436	0.400	ng	-0.01
29) Chrysene-d12	21.265	240	40990	0.400	ng	0.00
35) Perylene-d12	23.505	264	36372	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.299	112	10354	0.300	ng	0.00
5) Phenol-d6	6.866	99	14183	0.304	ng	0.00
8) Nitrobenzene-d5	8.852	82	10954	0.393	ng	-0.01
11) 2-Methylnaphthalene-d10	12.085	152	21481	0.343	ng	0.00
14) 2,4,6-Tribromophenol	15.825	330	2323	0.273	ng	-0.01
15) 2-Fluorobiphenyl	12.970	172	32690	0.378	ng	-0.01
27) Fluoranthene-d10	19.114	212	45520	0.325	ng	0.00
31) Terphenyl-d14	19.723	244	33052	0.330	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.248	88	5273	0.352	ng	# 88
3) n-Nitrosodimethylamine	3.551	42	5414	0.366	ng	# 91
6) bis(2-Chloroethyl)ether	7.141	93	14532	0.358	ng	97
9) Naphthalene	10.539	128	39200	0.363	ng	96
10) Hexachlorobutadiene	10.827	225	6903	0.364	ng	# 100
12) 2-Methylnaphthalene	12.157	142	25750	0.349	ng	99
16) Acenaphthylene	14.060	152	37500	0.332	ng	99
17) Acenaphthene	14.402	154	25440	0.361	ng	97
18) Fluorene	15.386	166	32132	0.349	ng	100
20) 4,6-Dinitro-2-methylph...	15.461	198	1686	0.409	ng	# 41
21) 4-Bromophenyl-phenylether	16.284	248	10405	0.352	ng	# 92
22) Hexachlorobenzene	16.383	284	11797	0.396	ng	97
23) Atrazine	16.557	200	6852	0.256	ng	97
24) Pentachlorophenol	16.731	266	2909	0.276	ng	98
25) Phenanthrene	17.128	178	51872	0.367	ng	100
26) Anthracene	17.215	178	45090	0.323	ng	100
28) Fluoranthene	19.142	202	59200	0.345	ng	99
30) Pyrene	19.504	202	59690	0.360	ng	100
32) Benzo(a)anthracene	21.247	228	49353	0.312	ng	99
33) Chrysene	21.301	228	53232	0.354	ng	99
34) Bis(2-ethylhexyl)phtha...	21.202	149	16809	0.182	ng	97
36) Indeno(1,2,3-cd)pyrene	25.773	276	39696	0.274	ng	99
37) Benzo(b)fluoranthene	22.832	252	46789	0.358	ng	99
38) Benzo(k)fluoranthene	22.876	252	49670	0.402	ng	99
39) Benzo(a)pyrene	23.405	252	36210	0.319	ng	98
40) Dibenzo(a,h)anthracene	25.794	278	32391	0.282	ng	98
41) Benzo(g,h,i)perylene	26.460	276	33648	0.272	ng	99

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

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