Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060623\
Data File : BN025763.D
Acq On : 06 Jun 2023 20:25
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 07 05:29:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 15:34:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	7999	0.400	ng	0.00
7) Naphthalene-d8	10.824	136	22589	0.400	ng	0.00
13) Acenaphthene-d10	14.640	164	12815	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	24216	0.400	ng	0.00
29) Chrysene-d12	21.569	240	11382	0.400	ng	0.00
35) Perylene-d12	24.045	264	10763	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.549	112	8368	0.372	ng	0.00
5) Phenol-d6	7.160	99	10181	0.369	ng	0.00
8) Nitrobenzene-d5	9.180	82	7566	0.360	ng	0.00
11) 2-Methylnaphthalene-d10	12.408	152	13872	0.427	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	1230	0.311	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	22910	0.423	ng	0.00
27) Fluoranthene-d10	19.416	212	20043	0.402	ng	0.00
31) Terphenyl-d14	20.006	244	11802	0.427	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.390	88	3778	0.403	ng	# 94
3) n-Nitrosodimethylamine	3.744	42	3053	0.255	ng	# 94
6) bis(2-Chloroethyl)ether	7.427	93	9772	0.390	ng	98
9) Naphthalene	10.878	128	27044	0.400	ng	100
10) Hexachlorobutadiene	11.155	225	5093	0.490	ng	# 100
12) 2-Methylnaphthalene	12.479	142	18183	0.423	ng	99
16) Acenaphthylene	14.363	152	24257	0.393	ng	100
17) Acenaphthene	14.705	154	17093	0.422	ng	98
18) Fluorene	15.680	166	21645	0.415	ng	100
20) 4,6-Dinitro-2-methylph...	15.767	198	1422	0.325	ng	91
21) 4-Bromophenyl-phenylether	16.574	248	6264	0.447	ng	98
22) Hexachlorobenzene	16.698	284	6155	0.513	ng	90
23) Atrazine	16.847	200	4172	0.365	ng	94
24) Pentachlorophenol	17.046	266	1648	0.368	ng	97
25) Phenanthrene	17.430	178	31381	0.422	ng	100
26) Anthracene	17.517	178	27035	0.397	ng	99
28) Fluoranthene	19.444	202	29425	0.401	ng	99
30) Pyrene	19.806	202	29205	0.453	ng	100
32) Benzo(a)anthracene	21.560	228	17714	0.403	ng	99
33) Chrysene	21.605	228	20249	0.435	ng	99
34) Bis(2-ethylhexyl)phtha...	21.462	149	9718	0.371	ng	99
36) Indeno(1,2,3-cd)pyrene	26.630	276	20238	0.435	ng	97
37) Benzo(b)fluoranthene	23.288	252	17090	0.403	ng	95
38) Benzo(k)fluoranthene	23.338	252	17541	0.404	ng	95
39) Benzo(a)pyrene	23.934	252	16358	0.407	ng	95
40) Dibenzo(a,h)anthracene	26.656	278	16072	0.430	ng	96
41) Benzo(g,h,i)perylene	27.428	276	19037	0.456	ng	97

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

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