Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053123\
Data File : BN025750.D
Acq On : 31 May 2023 22:21
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 01 01:23:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 01:04:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	5960	0.400	ng	0.00
7) Naphthalene-d8	10.825	136	17267	0.400	ng	0.00
13) Acenaphthene-d10	14.641	164	9787	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	18905	0.400	ng	0.00
29) Chrysene-d12	21.569	240	9282	0.400	ng	0.00
35) Perylene-d12	24.040	264	8604	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.557	112	6538	0.390	ng	0.00
5) Phenol-d6	7.160	99	7950	0.386	ng	0.00
8) Nitrobenzene-d5	9.180	82	6148	0.383	ng	0.01
11) 2-Methylnaphthalene-d10	12.411	152	10552	0.424	ng	0.00
14) 2,4,6-Tribromophenol	16.140	330	996	0.330	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	17334	0.419	ng	0.00
27) Fluoranthene-d10	19.412	212	15957	0.410	ng	0.00
31) Terphenyl-d14	20.002	244	9453	0.420	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.390	88	3178	0.454	ng	# 95
3) n-Nitrosodimethylamine	3.737	42	3133	0.351	ng	97
6) bis(2-Chloroethyl)ether	7.427	93	7948	0.426	ng	99
9) Naphthalene	10.878	128	20699	0.401	ng	99
10) Hexachlorobutadiene	11.156	225	3476	0.438	ng	# 100
12) 2-Methylnaphthalene	12.483	142	14079	0.429	ng	99
16) Acenaphthylene	14.363	152	18882	0.401	ng	99
17) Acenaphthene	14.705	154	13043	0.422	ng	99
18) Fluorene	15.680	166	16927	0.425	ng	99
20) 4,6-Dinitro-2-methylph...	15.780	198	1177	0.344	ng	95
21) 4-Bromophenyl-phenylether	16.574	248	4644	0.424	ng	96
22) Hexachlorobenzene	16.698	284	4138	0.441	ng	99
23) Atrazine	16.835	200	3475	0.389	ng	97
24) Pentachlorophenol	17.046	266	796	0.228	ng	97
25) Phenanthrene	17.431	178	24794	0.427	ng	100
26) Anthracene	17.517	178	21541	0.405	ng	100
28) Fluoranthene	19.444	202	23517	0.410	ng	100
30) Pyrene	19.802	202	23396	0.445	ng	100
32) Benzo(a)anthracene	21.551	228	14254	0.398	ng	99
33) Chrysene	21.605	228	17078	0.450	ng	100
34) Bis(2-ethylhexyl)phtha...	21.462	149	8432	0.395	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.627	276	15813	0.425	ng	98
37) Benzo(b)fluoranthene	23.285	252	13971	0.412	ng	95
38) Benzo(k)fluoranthene	23.332	252	13972	0.403	ng	96
39) Benzo(a)pyrene	23.931	252	13019	0.405	ng	96
40) Dibenzo(a,h)anthracene	26.648	278	12434	0.416	ng	98
41) Benzo(g,h,i)perylene	27.416	276	14534	0.435	ng	98

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

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