Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011223\
Data File : BN023632.D
Acq On : 12 Jan 2023 05:58
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jan 12 07:04:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 00:22:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	4169	0.400	ng	0.00
7) Naphthalene-d8	10.765	136	12419	0.400	ng	0.00
13) Acenaphthene-d10	14.591	164	6780	0.400	ng	0.00
19) Phenanthrene-d10	17.340	188	14880	0.400	ng	0.00
29) Chrysene-d12	21.531	240	11549	0.400	ng	# 0.00
35) Perylene-d12	23.958	264	9597	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.493	112	3993	0.482	ng	0.00
5) Phenol-d6	7.103	99	5029	0.472	ng	0.00
8) Nitrobenzene-d5	9.110	82	4113	0.440	ng	0.00
11) 2-Methylnaphthalene-d10	12.352	152	7757	0.453	ng	0.00
14) 2,4,6-Tribromophenol	16.086	330	1218	0.415	ng	0.00
15) 2-Fluorobiphenyl	13.223	172	12904	0.471	ng	0.00
27) Fluoranthene-d10	19.376	212	15402	0.423	ng	0.00
31) Terphenyl-d14	19.970	244	13581	0.464	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	1874	0.501	ng	96
3) n-Nitrosodimethylamine	3.673	42	2066	0.493	ng	# 98
6) bis(2-Chloroethyl)ether	7.370	93	5485	0.488	ng	100
9) Naphthalene	10.808	128	14963	0.455	ng	100
10) Hexachlorobutadiene	11.096	225	3055	0.460	ng	# 99
12) 2-Methylnaphthalene	12.424	142	10614	0.451	ng	100
16) Acenaphthylene	14.313	152	11647	0.426	ng	99
17) Acenaphthene	14.656	154	8876	0.442	ng	99
18) Fluorene	15.639	166	12387	0.460	ng	98
20) 4,6-Dinitro-2-methylph...	15.726	198	703	0.435	ng	99
21) 4-Bromophenyl-phenylether	16.533	248	3731	0.440	ng	95
22) Hexachlorobenzene	16.645	284	4781	0.451	ng	99
23) Atrazine	16.806	200	2440	0.417	ng	99
24) Pentachlorophenol	16.992	266	1386	0.378	ng	96
25) Phenanthrene	17.377	178	19471	0.447	ng	99
26) Anthracene	17.476	178	14615	0.418	ng	100
28) Fluoranthene	19.405	202	20627	0.419	ng	100
30) Pyrene	19.768	202	20668	0.467	ng	100
32) Benzo(a)anthracene	21.513	228	16804	0.450	ng	99
33) Chrysene	21.567	228	19856	0.483	ng	99
34) Bis(2-ethylhexyl)phtha...	21.441	149	7571	0.434	ng	99
36) Indeno(1,2,3-cd)pyrene	26.484	276	19334	0.449	ng	100
37) Benzo(b)fluoranthene	23.215	252	18199	0.444	ng	99
38) Benzo(k)fluoranthene	23.262	252	17576	0.440	ng	99
39) Benzo(a)pyrene	23.850	252	13499	0.437	ng	98
40) Dibenzo(a,h)anthracene	26.505	278	15297	0.444	ng	100
41) Benzo(g,h,i)perylene	27.259	276	15663	0.445	ng	99

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

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