Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011223\
Data File : BN023623.D
Acq On : 11 Jan 2023 22:38
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN011223

Quant Time: Jan 12 00:25:36 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	4226	0.400	ng		0.00
7) Naphthalene-d8	10.765	136	12466	0.400	ng		0.00
13) Acenaphthene-d10	14.591	164	6905	0.400	ng		0.00
19) Phenanthrene-d10	17.340	188	14887	0.400	ng		0.00
29) Chrysene-d12	21.536	240	12612	0.400	ng		0.00
35) Perylene-d12	23.957	264	9660	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.493	112	3439	0.410	ng		0.00
5) Phenol-d6	7.103	99	4290	0.397	ng		0.00
8) Nitrobenzene-d5	9.110	82	3600	0.384	ng		0.00
11) 2-Methylnaphthalene-d10	12.352	152	6827	0.397	ng		0.00
14) 2,4,6-Tribromophenol	16.086	330	1072	0.358	ng		0.00
15) 2-Fluorobiphenyl	13.223	172	11382	0.408	ng		0.00
27) Fluoranthene-d10	19.376	212	13934	0.382	ng		0.00
31) Terphenyl-d14	19.970	244	12655	0.396	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.333	88	1622	0.428	ng		98
3) n-Nitrosodimethylamine	3.673	42	1686	0.397	ng		99
6) bis(2-Chloroethyl)ether	7.371	93	4795	0.421	ng		99
9) Naphthalene	10.808	128	13211	0.401	ng		100
10) Hexachlorobutadiene	11.096	225	2717	0.407	ng	#	99
12) 2-Methylnaphthalene	12.424	142	9365	0.396	ng		99
16) Acenaphthylene	14.314	152	10333	0.371	ng		100
17) Acenaphthene	14.656	154	7972	0.390	ng		100
18) Fluorene	15.639	166	10795	0.394	ng		99
20) 4,6-Dinitro-2-methylph...	15.726	198	607	0.375	ng		97
21) 4-Bromophenyl-phenylether	16.533	248	3330	0.392	ng		96
22) Hexachlorobenzene	16.645	284	4276	0.403	ng		99
23) Atrazine	16.806	200	2142	0.366	ng		99
24) Pentachlorophenol	16.992	266	1196	0.326	ng		99
25) Phenanthrene	17.377	178	17320	0.397	ng		99
26) Anthracene	17.477	178	12920	0.370	ng		100
28) Fluoranthene	19.406	202	18765	0.381	ng		100
30) Pyrene	19.768	202	18889	0.391	ng		100
32) Benzo(a)anthracene	21.518	228	15367	0.377	ng		99
33) Chrysene	21.571	228	17808	0.397	ng		99
34) Bis(2-ethylhexyl)phtha...	21.437	149	7088	0.372	ng		100
36) Indeno(1,2,3-cd)pyrene	26.480	276	17357	0.400	ng		99
37) Benzo(b)fluoranthene	23.214	252	16445	0.398	ng		99
38) Benzo(k)fluoranthene	23.261	252	15953	0.397	ng		100
39) Benzo(a)pyrene	23.849	252	12330	0.396	ng		98
40) Dibenzo(a,h)anthracene	26.500	278	13735	0.396	ng		99
41) Benzo(g,h,i)perylene	27.258	276	14110	0.398	ng		100

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

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