Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012723\
Data File : BN023820.D
Acq On : 26 Jan 2023 15:51
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Jan 27 00:51:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 00:48:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.883	152	4782	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	12193	0.400	ng		0.00
13) Acenaphthene-d10	14.527	164	7567	0.400	ng		0.00
19) Phenanthrene-d10	17.265	188	16012	0.400	ng		0.00
29) Chrysene-d12	21.464	240	16210	0.400	ng		0.00
35) Perylene-d12	23.881	264	12035	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	50989	5.121	ng		0.00
5) Phenol-d6	7.038	99	64401	5.467	ng		0.00
8) Nitrobenzene-d5	9.035	82	51745	5.582	ng		-0.01
11) 2-Methylnaphthalene-d10	12.276	152	89875	5.579	ng		0.00
14) 2,4,6-Tribromophenol	16.012	330	20769	6.266	ng		0.00
15) 2-Fluorobiphenyl	13.148	172	140690	4.668	ng		0.00
27) Fluoranthene-d10	19.304	212	217119	5.810	ng		0.00
31) Terphenyl-d14	19.903	244	160150	5.207	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.297	88	23172	4.598	ng		99
3) n-Nitrosodimethylamine	3.622	42	29103	5.444	ng	#	97
6) bis(2-Chloroethyl)ether	7.305	93	58714	4.923	ng		100
9) Naphthalene	10.733	128	154981	5.074	ng		99
10) Hexachlorobutadiene	11.021	225	30960	5.048	ng	#	99
12) 2-Methylnaphthalene	12.348	142	105660	5.404	ng		99
16) Acenaphthylene	14.238	152	168633	5.617	ng		100
17) Acenaphthene	14.591	154	105512	5.237	ng		96
18) Fluorene	15.575	166	141368	5.169	ng		98
21) 4-Bromophenyl-phenylether	16.459	248	47035	5.283	ng		99
22) Hexachlorobenzene	16.583	284	53103	4.970	ng		99
23) Atrazine	16.732	200	39774	6.165	ng		98
25) Phenanthrene	17.315	178	232351	5.231	ng		100
26) Anthracene	17.402	178	210338	5.841	ng		100
28) Fluoranthene	19.334	202	272137	5.584	ng		99
30) Pyrene	19.696	202	275439	5.003	ng		100
32) Benzo(a)anthracene	21.446	228	271914	5.513	ng		98
33) Chrysene	21.500	228	266913	4.900	ng		99
34) Bis(2-ethylhexyl)phtha...	21.374	149	129624	5.798	ng		98
36) Indeno(1,2,3-cd)pyrene	26.380	276	249110	4.981	ng		98
37) Benzo(b)fluoranthene	23.144	252	244781	5.396	ng	#	91
38) Benzo(k)fluoranthene	23.188	252	240660	5.371	ng	#	91
39) Benzo(a)pyrene	23.775	252	190365	5.594	ng	#	86
40) Dibenzo(a,h)anthracene	26.401	278	202265	4.998	ng		93
41) Benzo(g,h,i)perylene	27.149	276	204558	4.760	ng		95

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

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