Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012723\
Data File : BN023815.D
Acq On : 26 Jan 2023 12:44
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jan 27 00:49:53 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	4908	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	12914	0.400	ng		0.00
13) Acenaphthene-d10	14.527	164	6777	0.400	ng		0.00
19) Phenanthrene-d10	17.265	188	14537	0.400	ng		0.00
29) Chrysene-d12	21.473	240	10598	0.400	ng		# 0.00
35) Perylene-d12	23.869	264	9407	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	2063	0.202	ng		0.00
5) Phenol-d6	7.045	99	2317	0.192	ng		0.00
8) Nitrobenzene-d5	9.046	82	1864	0.190	ng		0.00
11) 2-Methylnaphthalene-d10	12.276	152	3226	0.189	ng		0.00
14) 2,4,6-Tribromophenol	16.024	330	495	0.167	ng		0.01
15) 2-Fluorobiphenyl	13.148	172	5430	0.201	ng		0.00
27) Fluoranthene-d10	19.304	212	6255	0.184	ng		0.00
31) Terphenyl-d14	19.903	244	4303	0.214	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	1051	0.203	ng		99
3) n-Nitrosodimethylamine	3.636	42	1012	0.184	ng	#	97
6) bis(2-Chloroethyl)ether	7.305	93	2481	0.203	ng		100
9) Naphthalene	10.733	128	6368	0.197	ng		99
10) Hexachlorobutadiene	11.021	225	1263	0.194	ng	#	98
12) 2-Methylnaphthalene	12.352	142	3892	0.188	ng		99
16) Acenaphthylene	14.238	152	4738	0.176	ng		99
17) Acenaphthene	14.591	154	3549	0.197	ng		99
18) Fluorene	15.575	166	4702	0.192	ng		100
20) 4,6-Dinitro-2-methylph...	15.660	198	381	0.182	ng		86
21) 4-Bromophenyl-phenylether	16.459	248	1571	0.194	ng		99
22) Hexachlorobenzene	16.583	284	1950	0.201	ng		98
23) Atrazine	16.732	200	992	0.169	ng		98
24) Pentachlorophenol	16.930	266	513	0.161	ng		98
25) Phenanthrene	17.315	178	7751	0.192	ng		99
26) Anthracene	17.402	178	5918	0.181	ng		100
28) Fluoranthene	19.334	202	8091	0.183	ng		99
30) Pyrene	19.700	202	8212	0.228	ng		99
32) Benzo(a)anthracene	21.455	228	6005	0.186	ng		100
33) Chrysene	21.509	228	7024	0.197	ng		99
34) Bis(2-ethylhexyl)phtha...	21.374	149	2798	0.191	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.354	276	7649	0.196	ng		99
37) Benzo(b)fluoranthene	23.141	252	6941	0.196	ng	#	85
38) Benzo(k)fluoranthene	23.188	252	6675	0.191	ng	#	86
39) Benzo(a)pyrene	23.764	252	5177	0.195	ng	#	78
40) Dibenzo(a,h)anthracene	26.369	278	6127	0.194	ng		94
41) Benzo(g,h,i)perylene	27.123	276	6748	0.201	ng		96

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

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