Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052223\
Data File : BN025541.D
Acq On : 22 May 2023 16:41
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: May 22 17:28:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 22 17:25:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.070	152	3855	0.400	ng		0.00
7) Naphthalene-d8	10.889	136	10855	0.400	ng		0.00
13) Acenaphthene-d10	14.694	164	6564	0.400	ng		0.00
19) Phenanthrene-d10	17.435	188	15079	0.400	ng		0.00
29) Chrysene-d12	21.607	240	12284	0.400	ng	#	0.00
35) Perylene-d12	24.112	264	11590	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.607	112	12514	1.146	ng		0.00
5) Phenol-d6	7.210	99	16023	1.190	ng		0.00
8) Nitrobenzene-d5	9.234	82	13431	1.308	ng		0.00
11) 2-Methylnaphthalene-d10	12.464	152	22227	1.387	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	3622	1.278	ng		0.00
15) 2-Fluorobiphenyl	13.326	172	38613	1.297	ng		0.00
27) Fluoranthene-d10	19.460	212	49021	1.381	ng		0.00
31) Terphenyl-d14	20.049	244	32496	1.191	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	5979	1.236	ng		100
3) n-Nitrosodimethylamine	3.773	42	7534	1.427	ng	#	97
6) bis(2-Chloroethyl)ether	7.485	93	15540	1.271	ng		98
9) Naphthalene	10.931	128	41338	1.338	ng		100
10) Hexachlorobutadiene	11.230	225	7173	1.316	ng	#	100
12) 2-Methylnaphthalene	12.540	142	29910	1.398	ng		99
16) Acenaphthylene	14.416	152	45870	1.454	ng		99
17) Acenaphthene	14.758	154	31254	1.400	ng		99
18) Fluorene	15.734	166	38510	1.364	ng		98
20) 4,6-Dinitro-2-methylph...	15.809	198	5564	1.440	ng	#	79
21) 4-Bromophenyl-phenylether	16.628	248	12294	1.373	ng		98
22) Hexachlorobenzene	16.740	284	10955	1.362	ng		99
23) Atrazine	16.889	200	10758	1.376	ng		98
24) Pentachlorophenol	17.087	266	6206	1.458	ng		99
25) Phenanthrene	17.472	178	65896	1.333	ng		99
26) Anthracene	17.571	178	62133	1.449	ng		100
28) Fluoranthene	19.490	202	74981	1.423	ng		100
30) Pyrene	19.852	202	75352	1.312	ng		100
32) Benzo(a)anthracene	21.598	228	66947	1.371	ng		99
33) Chrysene	21.652	228	68878	1.334	ng		98
34) Bis(2-ethylhexyl)phtha...	21.509	149	37733	1.203	ng		100
36) Indeno(1,2,3-cd)pyrene	26.728	276	74632	1.439	ng		100
37) Benzo(b)fluoranthene	23.343	252	64907	1.380	ng		95
38) Benzo(k)fluoranthene	23.392	252	67664	1.445	ng		96
39) Benzo(a)pyrene	23.995	252	59705	1.412	ng		93
40) Dibenzo(a,h)anthracene	26.749	278	60996	1.455	ng		97
41) Benzo(g,h,i)perylene	27.529	276	63338	1.420	ng		99

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

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