Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052223\
Data File : BN025542.D
Acq On : 22 May 2023 17:17
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: May 22 18:05:24 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 17:30:56 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.070	152	4193	0.400	ng		0.00
7) Naphthalene-d8	10.889	136	11346	0.400	ng		0.00
13) Acenaphthene-d10	14.694	164	6906	0.400	ng		0.00
19) Phenanthrene-d10	17.435	188	15011	0.400	ng		0.00
29) Chrysene-d12	21.616	240	13048	0.400	ng		0.00
35) Perylene-d12	24.135	264	12819	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.600	112	30246	2.699	ng		0.00
5) Phenol-d6	7.211	99	39569	2.848	ng		0.00
8) Nitrobenzene-d5	9.234	82	32446	3.137	ng		0.00
11) 2-Methylnaphthalene-d10	12.464	152	53857	3.303	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	8692	3.037	ng		0.00
15) 2-Fluorobiphenyl	13.326	172	90918	3.018	ng		0.00
27) Fluoranthene-d10	19.460	212	118066	3.435	ng		0.00
31) Terphenyl-d14	20.049	244	81544	2.966	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	14134	2.815	ng		99
3) n-Nitrosodimethylamine	3.773	42	19178	3.413	ng	#	98
6) bis(2-Chloroethyl)ether	7.478	93	37036	2.905	ng		97
9) Naphthalene	10.931	128	99613	3.190	ng		100
10) Hexachlorobutadiene	11.230	225	17166	3.125	ng	#	99
12) 2-Methylnaphthalene	12.540	142	72371	3.320	ng		99
16) Acenaphthylene	14.416	152	114244	3.506	ng		100
17) Acenaphthene	14.758	154	76006	3.319	ng		98
18) Fluorene	15.735	166	93271	3.235	ng		99
20) 4,6-Dinitro-2-methylph...	15.809	198	13661	3.625	ng	#	77
21) 4-Bromophenyl-phenylether	16.628	248	29159	3.367	ng		99
22) Hexachlorobenzene	16.740	284	25934	3.339	ng		99
23) Atrazine	16.889	200	26090	3.448	ng		98
24) Pentachlorophenol	17.087	266	15781	3.791	ng		99
25) Phenanthrene	17.472	178	156381	3.287	ng		99
26) Anthracene	17.572	178	149900	3.579	ng		99
28) Fluoranthene	19.490	202	180312	3.514	ng		100
30) Pyrene	19.852	202	184634	3.140	ng		100
32) Benzo(a)anthracene	21.598	228	170157	3.378	ng		100
33) Chrysene	21.652	228	171513	3.234	ng		99
34) Bis(2-ethylhexyl)phtha...	21.518	149	100485	3.174	ng		100
36) Indeno(1,2,3-cd)pyrene	26.775	276	200388	3.565	ng		99
37) Benzo(b)fluoranthene	23.360	252	168082	3.322	ng		94
38) Benzo(k)fluoranthene	23.413	252	172963	3.406	ng		95
39) Benzo(a)pyrene	24.015	252	159842	3.501	ng	#	92
40) Dibenzo(a,h)anthracene	26.796	278	163858	3.600	ng		97
41) Benzo(g,h,i)perylene	27.588	276	169992	3.526	ng		98

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

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