Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
Data File : BN025394.D
Acq On : 11 May 2023 11:03
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: May 12 00:52:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 00:52:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	8963	0.400	ng		0.00
7) Naphthalene-d8	10.707	136	29348	0.400	ng		0.00
13) Acenaphthene-d10	14.544	164	17276	0.400	ng		0.00
19) Phenanthrene-d10	17.298	188	34807	0.400	ng		0.00
29) Chrysene-d12	21.495	240	27172	0.400	ng	#	0.00
35) Perylene-d12	23.920	264	23836	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.463	112	3934	0.189	ng		0.00
5) Phenol-d6	7.080	99	5101	0.181	ng		0.00
8) Nitrobenzene-d5	9.084	82	3812	0.161	ng		0.00
11) 2-Methylnaphthalene-d10	12.309	152	7103	0.184	ng		0.00
14) 2,4,6-Tribromophenol	16.057	330	1603	0.174	ng		0.00
15) 2-Fluorobiphenyl	13.176	172	10676	0.178	ng		0.00
27) Fluoranthene-d10	19.334	212	15137	0.190	ng		0.00
31) Terphenyl-d14	19.928	244	12264	0.187	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.318	88	1750	0.211	ng	#	91
3) n-Nitrosodimethylamine	3.657	42	2525	0.190	ng	#	93
6) bis(2-Chloroethyl)ether	7.333	93	3495	0.162	ng		96
9) Naphthalene	10.761	128	14093	0.191	ng		99
10) Hexachlorobutadiene	11.038	225	2743	0.191	ng	#	100
12) 2-Methylnaphthalene	12.381	142	9370	0.183	ng		97
16) Acenaphthylene	14.266	152	14594	0.182	ng		99
17) Acenaphthene	14.609	154	8918	0.188	ng		100
18) Fluorene	15.603	166	11629	0.185	ng		100
20) 4,6-Dinitro-2-methylph...	15.735	198	98	0.263	ng	#	1
21) 4-Bromophenyl-phenylether	16.492	248	3464	0.176	ng	#	93
22) Hexachlorobenzene	16.616	284	4131	0.191	ng		99
23) Atrazine	16.765	200	2878	0.181	ng		92
24) Pentachlorophenol	16.963	266	1427	0.219	ng		96
25) Phenanthrene	17.336	178	17440	0.185	ng		99
26) Anthracene	17.435	178	16550	0.181	ng		99
28) Fluoranthene	19.363	202	20679	0.189	ng		100
30) Pyrene	19.726	202	21448	0.187	ng		100
32) Benzo(a)anthracene	21.477	228	16927	0.183	ng		95
33) Chrysene	21.531	228	17474	0.194	ng		95
34) Bis(2-ethylhexyl)phtha...	21.387	149	18289	0.205	ng		99
36) Indeno(1,2,3-cd)pyrene	26.440	276	16547	0.189	ng		97
37) Benzo(b)fluoranthene	23.180	252	14436	0.185	ng	#	80
38) Benzo(k)fluoranthene	23.227	252	15336	0.191	ng	#	83
39) Benzo(a)pyrene	23.815	252	14242	0.187	ng	#	76
40) Dibenzo(a,h)anthracene	26.455	278	12895	0.185	ng	#	80
41) Benzo(g,h,i)perylene	27.218	276	13689	0.185	ng	#	86

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

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