Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041125\
Data File : BN036874.D
Acq On : 11 Apr 2025 12:37
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Apr 11 15:35:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 11 15:32:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.640	152	357	0.400	ng		0.00
7) Naphthalene-d8	10.426	136	936	0.400	ng		0.00
13) Acenaphthene-d10	14.288	164	543	0.400	ng		0.00
19) Phenanthrene-d10	17.033	188	1263	0.400	ng		0.00
29) Chrysene-d12	21.233	240	1230	0.400	ng	#	0.00
35) Perylene-d12	23.456	264	1607	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.228	112	168	0.198	ng		0.00
5) Phenol-d6	6.817	99	214	0.198	ng		0.00
8) Nitrobenzene-d5	8.792	82	205	0.195	ng		0.00
11) 2-Methylnaphthalene-d10	12.021	152	264	0.193	ng		0.00
14) 2,4,6-Tribromophenol	15.792	330	51	0.194	ng		0.01
15) 2-Fluorobiphenyl	12.914	172	505	0.192	ng		0.00
27) Fluoranthene-d10	19.077	212	669	0.189	ng		0.00
31) Terphenyl-d14	19.681	244	462	0.196	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.155	88	105	0.249	ng		99
3) n-Nitrosodimethylamine	3.473	42	195	0.210	ng	#	92
6) bis(2-Chloroethyl)ether	7.069	93	184	0.172	ng		85
9) Naphthalene	10.468	128	534	0.196	ng	#	78
10) Hexachlorobutadiene	10.767	225	122	0.196	ng	#	97
12) 2-Methylnaphthalene	12.097	142	329	0.189	ng		95
16) Acenaphthylene	14.010	152	491	0.195	ng		99
17) Acenaphthene	14.352	154	319	0.194	ng		99
18) Fluorene	15.346	166	461	0.203	ng		94
20) 4,6-Dinitro-2-methylph...	15.432	198	53	0.179	ng	#	56
21) 4-Bromophenyl-phenylether	16.239	248	145	0.191	ng		91
22) Hexachlorobenzene	16.351	284	185	0.204	ng		97
23) Atrazine	16.512	200	147	0.196	ng	#	67
24) Pentachlorophenol	16.698	266	97	0.207	ng		93
25) Phenanthrene	17.083	178	690	0.182	ng		99
26) Anthracene	17.170	178	631	0.188	ng		96
28) Fluoranthene	19.105	202	887	0.187	ng		99
30) Pyrene	19.468	202	930	0.199	ng		98
32) Benzo(a)anthracene	21.224	228	843	0.195	ng		93
33) Chrysene	21.269	228	964	0.200	ng		94
34) Bis(2-ethylhexyl)phtha...	21.162	149	736	0.225	ng		97
36) Indeno(1,2,3-cd)pyrene	25.693	276	1449	0.189	ng	#	84
37) Benzo(b)fluoranthene	22.793	252	1027	0.181	ng	#	75
38) Benzo(k)fluoranthene	22.836	252	1046	0.183	ng	#	71
39) Benzo(a)pyrene	23.357	252	927	0.186	ng	#	67
40) Dibenzo(a,h)anthracene	25.702	278	1138	0.188	ng	#	77
41) Benzo(g,h,i)perylene	26.368	276	1344	0.195	ng	#	90

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

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