Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041124\
Data File : BN030851.D
Acq On : 11 Apr 2024 20:42
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Apr 12 01:06:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 12 01:02:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	6586	0.400	ng		0.00
7) Naphthalene-d8	10.453	136	20558	0.400	ng		0.00
13) Acenaphthene-d10	14.316	164	12625	0.400	ng		0.00
19) Phenanthrene-d10	17.065	188	28960	0.400	ng		0.00
29) Chrysene-d12	21.258	240	25346	0.400	ng		0.00
35) Perylene-d12	23.489	264	20039	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.270	112	50898	3.283	ng		0.00
5) Phenol-d6	6.844	99	66450	3.424	ng		0.00
8) Nitrobenzene-d5	8.820	82	50536	3.398	ng		0.00
11) 2-Methylnaphthalene-d10	12.047	152	106837	3.277	ng		0.00
14) 2,4,6-Tribromophenol	15.812	330	20151	3.654	ng		0.00
15) 2-Fluorobiphenyl	12.927	172	142750	3.193	ng		-0.01
27) Fluoranthene-d10	19.098	212	266615	3.401	ng		0.00
31) Terphenyl-d14	19.702	244	204949	3.159	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	22439	3.007	ng		95
3) n-Nitrosodimethylamine	3.522	42	24767	3.247	ng		99
6) bis(2-Chloroethyl)ether	7.104	93	60678	3.288	ng		99
9) Naphthalene	10.496	128	183963	3.229	ng		100
10) Hexachlorobutadiene	10.784	225	35825	3.154	ng	#	98
12) 2-Methylnaphthalene	12.123	142	126266	3.269	ng		99
16) Acenaphthylene	14.028	152	201498	3.513	ng		100
17) Acenaphthene	14.370	154	129791	3.316	ng		99
18) Fluorene	15.364	166	175366	3.346	ng		100
20) 4,6-Dinitro-2-methylph...	15.450	198	14382	3.254	ng	#	62
21) 4-Bromophenyl-phenylether	16.258	248	58143	3.364	ng		96
22) Hexachlorobenzene	16.358	284	64760	3.225	ng		99
23) Atrazine	16.531	200	46089	3.631	ng		97
24) Pentachlorophenol	16.705	266	29288	3.248	ng		90
25) Phenanthrene	17.102	178	277360	3.259	ng		100
26) Anthracene	17.189	178	256909	3.541	ng		100
28) Fluoranthene	19.131	202	341545	3.364	ng		100
30) Pyrene	19.493	202	347450	3.187	ng		100
32) Benzo(a)anthracene	21.240	228	301916	3.355	ng		98
33) Chrysene	21.294	228	299489	3.177	ng		100
34) Bis(2-ethylhexyl)phtha...	21.178	149	159805	3.449	ng		99
36) Indeno(1,2,3-cd)pyrene	25.735	276	270693	3.415	ng		99
37) Benzo(b)fluoranthene	22.817	252	285640	3.383	ng	#	91
38) Benzo(k)fluoranthene	22.861	252	269830	3.330	ng	#	93
39) Benzo(a)pyrene	23.390	252	232327	3.356	ng	#	86
40) Dibenzo(a,h)anthracene	25.749	278	216373	3.433	ng		95
41) Benzo(g,h,i)perylene	26.419	276	229177	3.347	ng		98

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

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