Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041224\
Data File : BN030863.D
Acq On : 12 Apr 2024 15:22
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Apr 12 15:51:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 12 15:48:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	6114	0.400	ng		0.00
7) Naphthalene-d8	10.453	136	17602	0.400	ng		0.00
13) Acenaphthene-d10	14.306	164	10068	0.400	ng		0.00
19) Phenanthrene-d10	17.065	188	21760	0.400	ng		0.00
29) Chrysene-d12	21.258	240	21764	0.400	ng		0.00
35) Perylene-d12	23.489	264	18041	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.270	112	74109	5.053	ng		0.00
5) Phenol-d6	6.844	99	95643	5.383	ng		0.00
8) Nitrobenzene-d5	8.819	82	68483	5.449	ng		0.00
11) 2-Methylnaphthalene-d10	12.043	152	138253	5.125	ng		0.00
14) 2,4,6-Tribromophenol	15.811	330	24059	5.901	ng		0.00
15) 2-Fluorobiphenyl	12.926	172	174585	4.892	ng		0.00
27) Fluoranthene-d10	19.098	212	319185	5.277	ng		0.00
31) Terphenyl-d14	19.702	244	244368	4.938	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	33335	4.512	ng		95
3) n-Nitrosodimethylamine	3.522	42	36011	5.073	ng	#	97
6) bis(2-Chloroethyl)ether	7.104	93	83819	5.054	ng		98
9) Naphthalene	10.496	128	244978	5.032	ng		99
10) Hexachlorobutadiene	10.784	225	47593	4.896	ng	#	100
12) 2-Methylnaphthalene	12.119	142	162118	5.090	ng		98
16) Acenaphthylene	14.028	152	248848	5.657	ng		100
17) Acenaphthene	14.370	154	159786	5.141	ng		97
18) Fluorene	15.364	166	208826	5.111	ng		100
21) 4-Bromophenyl-phenylether	16.258	248	67142	5.252	ng		99
22) Hexachlorobenzene	16.358	284	76029	5.093	ng		99
23) Atrazine	16.531	200	52953	5.553	ng		98
25) Phenanthrene	17.102	178	329435	5.174	ng		100
26) Anthracene	17.189	178	301965	5.674	ng		100
28) Fluoranthene	19.126	202	405904	5.150	ng		99
30) Pyrene	19.493	202	417452	5.102	ng		100
32) Benzo(a)anthracene	21.240	228	396019	5.249	ng		99
33) Chrysene	21.294	228	398190	4.925	ng		99
34) Bis(2-ethylhexyl)phtha...	21.178	149	190887	5.798	ng		99
36) Indeno(1,2,3-cd)pyrene	25.735	276	385589	5.465	ng		99
37) Benzo(b)fluoranthene	22.817	252	399067	4.996	ng	#	94
38) Benzo(k)fluoranthene	22.864	252	384648	5.105	ng	#	94
39) Benzo(a)pyrene	23.393	252	327542	5.325	ng	#	88
40) Dibenzo(a,h)anthracene	25.752	278	308332	5.501	ng		96
41) Benzo(g,h,i)perylene	26.425	276	323826	5.334	ng		97

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

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