Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041224\
Data File : BN030858.D
Acq On : 12 Apr 2024 12:19
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 12 15:49:10 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

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	5973	0.400	ng		0.00
7) Naphthalene-d8	10.453	136	17280	0.400	ng		0.00
13) Acenaphthene-d10	14.306	164	9540	0.400	ng		0.00
19) Phenanthrene-d10	17.065	188	22270	0.400	ng		0.00
29) Chrysene-d12	21.258	240	21508	0.400	ng		0.00
35) Perylene-d12	23.492	264	19064	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.270	112	2942	0.205	ng		0.00
5) Phenol-d6	6.845	99	3360	0.194	ng		0.00
8) Nitrobenzene-d5	8.820	82	2382	0.193	ng		0.00
11) 2-Methylnaphthalene-d10	12.047	152	5284	0.200	ng		0.00
14) 2,4,6-Tribromophenol	15.812	330	715	0.185	ng		0.00
15) 2-Fluorobiphenyl	12.927	172	7028	0.208	ng		0.00
27) Fluoranthene-d10	19.098	212	11993	0.194	ng		0.00
31) Terphenyl-d14	19.702	244	9888	0.202	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	1559	0.216	ng		98
3) n-Nitrosodimethylamine	3.530	42	1400	0.202	ng		95
6) bis(2-Chloroethyl)ether	7.105	93	3263	0.201	ng		99
9) Naphthalene	10.496	128	9714	0.203	ng		99
10) Hexachlorobutadiene	10.784	225	1959	0.205	ng	#	100
12) 2-Methylnaphthalene	12.119	142	6226	0.199	ng		99
16) Acenaphthylene	14.028	152	7793	0.187	ng		99
17) Acenaphthene	14.370	154	5958	0.202	ng		99
18) Fluorene	15.364	166	7694	0.199	ng		100
20) 4,6-Dinitro-2-methylph...	15.450	198	467	0.167	ng	#	61
21) 4-Bromophenyl-phenylether	16.258	248	2569	0.196	ng		97
22) Hexachlorobenzene	16.358	284	3039	0.199	ng		100
23) Atrazine	16.532	200	1810	0.185	ng		98
24) Pentachlorophenol	16.718	266	807	0.156	ng		100
25) Phenanthrene	17.103	178	12778	0.196	ng		100
26) Anthracene	17.189	178	10018	0.184	ng		99
28) Fluoranthene	19.126	202	15551	0.193	ng		99
30) Pyrene	19.493	202	16152	0.200	ng		100
32) Benzo(a)anthracene	21.240	228	14037	0.188	ng		98
33) Chrysene	21.294	228	15933	0.199	ng		100
34) Bis(2-ethylhexyl)phtha...	21.178	149	6899	0.212	ng		99
36) Indeno(1,2,3-cd)pyrene	25.741	276	13357	0.179	ng		99
37) Benzo(b)fluoranthene	22.820	252	17097m	0.203	ng		
38) Benzo(k)fluoranthene	22.864	252	15446	0.194	ng	#	94
39) Benzo(a)pyrene	23.393	252	12238	0.188	ng	#	88
40) Dibenzo(a,h)anthracene	25.755	278	10438	0.176	ng		95
41) Benzo(g,h,i)perylene	26.428	276	11791	0.184	ng		99

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

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