Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041124\
Data File : BN030847.D
Acq On : 11 Apr 2024 18:16
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 12 01:03:47 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

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	6548	0.400	ng		0.00
7) Naphthalene-d8	10.453	136	19979	0.400	ng		0.00
13) Acenaphthene-d10	14.316	164	12067	0.400	ng		0.00
19) Phenanthrene-d10	17.065	188	28445	0.400	ng		0.00
29) Chrysene-d12	21.258	240	22059	0.400	ng		0.00
35) Perylene-d12	23.489	264	19387	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.270	112	3129	0.203	ng		0.00
5) Phenol-d6	6.844	99	3737	0.194	ng		0.00
8) Nitrobenzene-d5	8.830	82	2804	0.194	ng		0.01
11) 2-Methylnaphthalene-d10	12.047	152	6321	0.199	ng		0.00
14) 2,4,6-Tribromophenol	15.812	330	953	0.181	ng		0.00
15) 2-Fluorobiphenyl	12.937	172	8881	0.208	ng		0.00
27) Fluoranthene-d10	19.098	212	14561	0.189	ng		0.00
31) Terphenyl-d14	19.702	244	11418	0.202	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	1633	0.220	ng		98
3) n-Nitrosodimethylamine	3.529	42	1544	0.204	ng		99
6) bis(2-Chloroethyl)ether	7.104	93	3667	0.200	ng		98
9) Naphthalene	10.507	128	11221	0.203	ng		99
10) Hexachlorobutadiene	10.784	225	2299	0.208	ng	#	98
12) 2-Methylnaphthalene	12.123	142	7524	0.200	ng		100
16) Acenaphthylene	14.028	152	10436	0.190	ng		100
17) Acenaphthene	14.370	154	7424	0.198	ng		98
18) Fluorene	15.364	166	9894	0.197	ng		100
20) 4,6-Dinitro-2-methylph...	15.450	198	454	0.294	ng	#	49
21) 4-Bromophenyl-phenylether	16.258	248	3306	0.195	ng		96
22) Hexachlorobenzene	16.358	284	3979	0.202	ng		100
23) Atrazine	16.531	200	2295	0.184	ng		97
24) Pentachlorophenol	16.718	266	909	0.287	ng		90
25) Phenanthrene	17.102	178	16641	0.199	ng		99
26) Anthracene	17.189	178	13159	0.185	ng		100
28) Fluoranthene	19.131	202	18947	0.190	ng		100
30) Pyrene	19.493	202	19222	0.203	ng		100
32) Benzo(a)anthracene	21.240	228	14686	0.188	ng		98
33) Chrysene	21.294	228	16273	0.198	ng		100
34) Bis(2-ethylhexyl)phtha...	21.178	149	7348	0.182	ng		99
36) Indeno(1,2,3-cd)pyrene	25.735	276	14386	0.188	ng		100
37) Benzo(b)fluoranthene	22.817	252	15776m	0.193	ng		
38) Benzo(k)fluoranthene	22.861	252	14831	0.189	ng	#	92
39) Benzo(a)pyrene	23.393	252	12672	0.189	ng	#	91
40) Dibenzo(a,h)anthracene	25.752	278	11361	0.186	ng		95
41) Benzo(g,h,i)perylene	26.422	276	12784	0.193	ng		98

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

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