Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122023\
Data File : BN029132.D
Acq On : 20 Dec 2023 13:40
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 20 17:49:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 17:45:31 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.789	152	717	0.400	ng		0.00
7) Naphthalene-d8	10.583	136	1272	0.400	ng		0.00
13) Acenaphthene-d10	14.425	164	561	0.400	ng		0.00
19) Phenanthrene-d10	17.181	188	982	0.400	ng		0.00
29) Chrysene-d12	21.393	240	522	0.400	ng		0.00
35) Perylene-d12	23.709	264	644	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	356	0.207	ng		0.00
5) Phenol-d6	7.002	99	370	0.196	ng		0.00
8) Nitrobenzene-d5	8.971	82	310	0.187	ng		0.01
11) 2-Methylnaphthalene-d10	12.170	152	344	0.178	ng		0.00
14) 2,4,6-Tribromophenol	15.927	330	112	0.228	ng		0.00
15) 2-Fluorobiphenyl	13.057	172	629	0.192	ng		0.00
27) Fluoranthene-d10	19.224	212	488	0.205	ng		0.00
31) Terphenyl-d14	19.833	244	297	0.207	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.362	88	149	0.222	ng	#	80
3) n-Nitrosodimethylamine	3.738	42	93m	0.199	ng		
6) bis(2-Chloroethyl)ether	7.248	93	284	0.194	ng		97
9) Naphthalene	10.626	128	844	0.204	ng	#	90
10) Hexachlorobutadiene	10.893	225	275	0.201	ng	#	97
12) 2-Methylnaphthalene	12.246	142	510	0.188	ng		97
16) Acenaphthylene	14.147	152	774	0.196	ng		96
17) Acenaphthene	14.490	154	465	0.196	ng		97
18) Fluorene	15.484	166	639	0.200	ng		98
20) 4,6-Dinitro-2-methylph...	15.592	198	52	0.177	ng	#	73
21) 4-Bromophenyl-phenylether	16.386	248	190	0.187	ng	#	88
22) Hexachlorobenzene	16.473	284	250	0.211	ng		95
23) Atrazine	16.684	200	175	0.206	ng	#	83
24) Pentachlorophenol	16.846	266	131	0.187	ng	#	83
25) Phenanthrene	17.230	178	819	0.202	ng		99
26) Anthracene	17.317	178	797	0.203	ng		96
28) Fluoranthene	19.252	202	853	0.204	ng	#	96
30) Pyrene	19.619	202	850	0.207	ng		99
32) Benzo(a)anthracene	21.375	228	582	0.203	ng		93
33) Chrysene	21.429	228	593	0.209	ng		93
34) Bis(2-ethylhexyl)phtha...	21.313	149	689	0.160	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.095	276	820m	0.199	ng		
37) Benzo(b)fluoranthene	23.008	252	634	0.194	ng	#	79
38) Benzo(k)fluoranthene	23.052	252	630	0.196	ng	#	74
39) Benzo(a)pyrene	23.607	252	578	0.198	ng	#	69
40) Dibenzo(a,h)anthracene	26.118	278	614	0.192	ng	#	79
41) Benzo(g,h,i)perylene	26.823	276	694	0.198	ng	#	80

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

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