Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081123\
Data File : BN026873.D
Acq On : 10 Aug 2023 08:44
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

Quant Time: Aug 11 01:49:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 01:48:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.109	152	7367	0.400	ng		0.00
7) Naphthalene-d8	10.938	136	17771	0.400	ng		0.00
13) Acenaphthene-d10	14.737	164	14118	0.400	ng		0.00
19) Phenanthrene-d10	17.480	188	33147	0.400	ng		0.00
29) Chrysene-d12	21.659	240	30097	0.400	ng		0.00
35) Perylene-d12	24.215	264	34104	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.618	112	4772	0.256	ng		0.00
5) Phenol-d6	7.236	99	5693	0.236	ng		0.00
8) Nitrobenzene-d5	9.294	82	3481	0.331	ng		0.00
11) 2-Methylnaphthalene-d10	12.510	152	6159	0.242	ng		0.00
14) 2,4,6-Tribromophenol	16.214	330	1556	0.324	ng		-0.01
15) 2-Fluorobiphenyl	13.368	172	10633	0.184	ng		0.00
27) Fluoranthene-d10	19.500	212	16827	0.211	ng		0.00
31) Terphenyl-d14	20.090	244	12686	0.202	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.480	88	1689	0.196	ng		96
3) n-Nitrosodimethylamine	3.819	42	1814	0.189	ng	#	94
6) bis(2-Chloroethyl)ether	7.532	93	4551	0.209	ng		100
9) Naphthalene	10.992	128	9445	0.193	ng		97
10) Hexachlorobutadiene	11.226	225	2227	0.251	ng	#	100
12) 2-Methylnaphthalene	12.581	142	7998	0.240	ng		99
16) Acenaphthylene	14.459	152	13141	0.188	ng		99
17) Acenaphthene	14.801	154	8382	0.191	ng		99
18) Fluorene	15.780	166	11272	0.198	ng		100
20) 4,6-Dinitro-2-methylph...	16.934	198	103	0.192	ng	#	53
21) 4-Bromophenyl-phenylether	16.661	248	3706	0.185	ng	#	67
22) Hexachlorobenzene	16.748	284	4131	0.180	ng		99
23) Atrazine	16.934	200	3350	0.253	ng		97
24) Pentachlorophenol	17.108	266	1867	0.317	ng		99
25) Phenanthrene	17.517	178	18965	0.188	ng		100
26) Anthracene	17.617	178	17015	0.189	ng		100
28) Fluoranthene	19.532	202	22233	0.198	ng		100
30) Pyrene	19.895	202	23334	0.179	ng		100
32) Benzo(a)anthracene	21.641	228	21653	0.210	ng		99
33) Chrysene	21.695	228	22100	0.193	ng		99
34) Bis(2-ethylhexyl)phtha...	21.533	149	16169	0.472	ng		99
36) Indeno(1,2,3-cd)pyrene	26.908	276	28348	0.204	ng		99
37) Benzo(b)fluoranthene	23.420	252	22127	0.165	ng	#	93
38) Benzo(k)fluoranthene	23.475	252	23495m	0.170	ng		
39) Benzo(a)pyrene	24.098	252	22764	0.186	ng	#	93
40) Dibenzo(a,h)anthracene	26.943	278	22312	0.206	ng		95
41) Benzo(g,h,i)perylene	27.750	276	24494	0.191	ng		97

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

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