Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082924\
Data File : BN033672.D
Acq On : 29 Aug 2024 16:45
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024

Quant Time: Aug 29 23:24:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 23:20:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.531	152	5130	0.400	ng		0.00
7) Naphthalene-d8	10.293	136	13444	0.400	ng		0.00
13) Acenaphthene-d10	14.167	164	6360	0.400	ng		0.00
19) Phenanthrene-d10	16.917	188	12565	0.400	ng		0.00
29) Chrysene-d12	21.121	240	9284	0.400	ng		0.00
35) Perylene-d12	23.285	264	9785	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.169	112	3077	0.189	ng		0.00
5) Phenol-d6	6.722	99	3594	0.185	ng		0.00
8) Nitrobenzene-d5	8.659	82	2088	0.187	ng		0.00
11) 2-Methylnaphthalene-d10	11.884	152	3668	0.191	ng		0.00
14) 2,4,6-Tribromophenol	15.663	330	568	0.166	ng		0.00
15) 2-Fluorobiphenyl	12.788	172	5243	0.202	ng		0.01
27) Fluoranthene-d10	18.956	212	5810	0.192	ng		0.00
31) Terphenyl-d14	19.574	244	3897	0.185	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.176	88	1207	0.204	ng		97
3) n-Nitrosodimethylamine	3.472	42	1429	0.208	ng	#	95
6) bis(2-Chloroethyl)ether	6.967	93	2846	0.207	ng		99
9) Naphthalene	10.336	128	7085	0.197	ng		99
10) Hexachlorobutadiene	10.635	225	1459	0.204	ng	#	98
12) 2-Methylnaphthalene	11.960	142	4297	0.189	ng		98
16) Acenaphthylene	13.879	152	5140	0.184	ng		99
17) Acenaphthene	14.231	154	3688	0.188	ng		99
18) Fluorene	15.226	166	4503	0.182	ng		100
20) 4,6-Dinitro-2-methylph...	15.311	198	297	0.151	ng	#	72
21) 4-Bromophenyl-phenylether	16.123	248	1405	0.184	ng		98
22) Hexachlorobenzene	16.222	284	1617	0.192	ng		100
23) Atrazine	16.396	200	1078	0.177	ng		95
24) Pentachlorophenol	16.582	266	655	0.179	ng		96
25) Phenanthrene	16.954	178	6772	0.194	ng		99
26) Anthracene	17.053	178	5611	0.181	ng		100
28) Fluoranthene	18.989	202	7303	0.189	ng		100
30) Pyrene	19.351	202	7476	0.180	ng		100
32) Benzo(a)anthracene	21.112	228	6251	0.186	ng		99
33) Chrysene	21.157	228	6449	0.193	ng		98
34) Bis(2-ethylhexyl)phtha...	21.068	149	3538m	0.167	ng		
36) Indeno(1,2,3-cd)pyrene	25.423	276	7923	0.195	ng		99
37) Benzo(b)fluoranthene	22.645	252	6855	0.188	ng	#	86
38) Benzo(k)fluoranthene	22.686	252	6623	0.184	ng	#	85
39) Benzo(a)pyrene	23.189	252	5639	0.187	ng	#	82
40) Dibenzo(a,h)anthracene	25.446	278	6276	0.193	ng		92
41) Benzo(g,h,i)perylene	26.074	276	6978	0.201	ng		97

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

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