Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091024\
Data File : BN033837.D
Acq On : 10 Sep 2024 11:17
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

Quant Time: Sep 10 12:06:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.502	152	5140	0.400	ng		-0.01
7) Naphthalene-d8	10.261	136	13251	0.400	ng		#-0.01
13) Acenaphthene-d10	14.135	164	6138	0.400	ng		-0.02
19) Phenanthrene-d10	16.892	188	12309	0.400	ng		-0.01
29) Chrysene-d12	21.103	240	10987	0.400	ng		0.00
35) Perylene-d12	23.262	264	11688	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.140	112	5733	0.364	ng		-0.01
5) Phenol-d6	6.693	99	6819	0.366	ng		-0.01
8) Nitrobenzene-d5	8.638	82	4299	0.381	ng		-0.01
11) 2-Methylnaphthalene-d10	11.858	152	7172	0.383	ng		-0.02
14) 2,4,6-Tribromophenol	15.638	330	1145	0.369	ng		-0.01
15) 2-Fluorobiphenyl	12.756	172	9968	0.390	ng		-0.01
27) Fluoranthene-d10	18.938	212	12291	0.405	ng		0.00
31) Terphenyl-d14	19.551	244	8403	0.359	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	2372	0.406	ng		96
3) n-Nitrosodimethylamine	3.450	42	2852	0.415	ng		94
6) bis(2-Chloroethyl)ether	6.945	93	5536	0.394	ng		100
9) Naphthalene	10.304	128	13688	0.387	ng		99
10) Hexachlorobutadiene	10.602	225	2869	0.389	ng	#	99
12) 2-Methylnaphthalene	11.933	142	8339	0.384	ng		98
16) Acenaphthylene	13.857	152	9880	0.372	ng		100
17) Acenaphthene	14.199	154	7139	0.392	ng		100
18) Fluorene	15.193	166	8796	0.392	ng		100
20) 4,6-Dinitro-2-methylph...	15.279	198	710	0.365	ng		91
21) 4-Bromophenyl-phenylether	16.098	248	2703	0.379	ng		99
22) Hexachlorobenzene	16.209	284	3199	0.391	ng		97
23) Atrazine	16.383	200	2157	0.379	ng		97
24) Pentachlorophenol	16.557	266	1324	0.396	ng		98
25) Phenanthrene	16.929	178	13439	0.396	ng		100
26) Anthracene	17.029	178	11372	0.386	ng		100
28) Fluoranthene	18.965	202	15375	0.404	ng		100
30) Pyrene	19.328	202	16054	0.363	ng		100
32) Benzo(a)anthracene	21.094	228	14614	0.373	ng		99
33) Chrysene	21.139	228	14817	0.382	ng		99
34) Bis(2-ethylhexyl)phtha...	21.050	149	8311	0.389	ng		100
36) Indeno(1,2,3-cd)pyrene	25.384	276	19453	0.403	ng		99
37) Benzo(b)fluoranthene	22.622	252	16211	0.377	ng		97
38) Benzo(k)fluoranthene	22.665	252	16990m	0.406	ng		
39) Benzo(a)pyrene	23.168	252	13896	0.387	ng		94
40) Dibenzo(a,h)anthracene	25.399	278	15549	0.402	ng		97
41) Benzo(g,h,i)perylene	26.033	276	16674	0.397	ng		99

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

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