Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
Data File : BN030771.D
Acq On : 08 Apr 2024 16:35
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

Quant Time: Apr 08 17:10:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 00:04:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.689	152	4518	0.400	ng		-0.01
7) Naphthalene-d8	10.464	136	14472	0.400	ng		-0.02
13) Acenaphthene-d10	14.327	164	9036	0.400	ng		-0.01
19) Phenanthrene-d10	17.078	188	21324	0.400	ng		-0.01
29) Chrysene-d12	21.267	240	18740	0.400	ng		#-0.02
35) Perylene-d12	23.507	264	16660	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.284	112	3911	0.398	ng		-0.01
5) Phenol-d6	6.859	99	4819	0.381	ng		-0.01
8) Nitrobenzene-d5	8.841	82	3633	0.357	ng		-0.01
11) 2-Methylnaphthalene-d10	12.062	152	8857	0.400	ng		-0.02
14) 2,4,6-Tribromophenol	15.824	330	1330	0.390	ng		-0.01
15) 2-Fluorobiphenyl	12.948	172	12518	0.358	ng		-0.02
27) Fluoranthene-d10	19.107	212	21850	0.380	ng		-0.02
31) Terphenyl-d14	19.716	244	16567	0.383	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.226	88	1943	0.356	ng		96
3) n-Nitrosodimethylamine	3.537	42	1927	0.366	ng		100
6) bis(2-Chloroethyl)ether	7.119	93	4653	0.373	ng		99
9) Naphthalene	10.517	128	15543	0.388	ng		99
10) Hexachlorobutadiene	10.795	225	3180	0.388	ng	#	99
12) 2-Methylnaphthalene	12.134	142	10539	0.400	ng		98
16) Acenaphthylene	14.038	152	14483	0.354	ng		100
17) Acenaphthene	14.391	154	10481	0.370	ng		99
18) Fluorene	15.375	166	14155	0.384	ng		100
20) 4,6-Dinitro-2-methylph...	15.460	198	585	0.350	ng	#	57
21) 4-Bromophenyl-phenylether	16.271	248	4665	0.362	ng	#	84
22) Hexachlorobenzene	16.370	284	5930	0.386	ng		98
23) Atrazine	16.544	200	3136	0.335	ng		97
24) Pentachlorophenol	16.730	266	1751	0.447	ng		98
25) Phenanthrene	17.115	178	23783	0.376	ng		100
26) Anthracene	17.202	178	18206	0.343	ng		100
28) Fluoranthene	19.140	202	28333	0.377	ng		100
30) Pyrene	19.502	202	28895	0.394	ng		100
32) Benzo(a)anthracene	21.258	228	24681	0.372	ng		98
33) Chrysene	21.303	228	25829	0.363	ng		100
34) Bis(2-ethylhexyl)phtha...	21.187	149	11986	0.416	ng		99
36) Indeno(1,2,3-cd)pyrene	25.764	276	24572m	0.333	ng		
37) Benzo(b)fluoranthene	22.831	252	26246	0.387	ng		98
38) Benzo(k)fluoranthene	22.875	252	25023	0.368	ng		97
39) Benzo(a)pyrene	23.407	252	20584	0.379	ng	#	95
40) Dibenzo(a,h)anthracene	25.781	278	19252m	0.329	ng		
41) Benzo(g,h,i)perylene	26.457	276	21358m	0.340	ng		

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

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