Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083024\
Data File : BN033720.D
Acq On : 31 Aug 2024 00:04
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024

Quant Time: Aug 31 00:50:46 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 23:33:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.523	152	6119	0.400	ng		0.00
7) Naphthalene-d8	10.282	136	16413	0.400	ng		#-0.01
13) Acenaphthene-d10	14.157	164	8308	0.400	ng		-0.01
19) Phenanthrene-d10	16.904	188	17624	0.400	ng		#-0.01
29) Chrysene-d12	21.121	240	13434	0.400	ng		# 0.00
35) Perylene-d12	23.276	264	12304	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.162	112	6649	0.361	ng		0.00
5) Phenol-d6	6.714	99	8177	0.376	ng		0.00
8) Nitrobenzene-d5	8.659	82	5206	0.381	ng		0.00
11) 2-Methylnaphthalene-d10	11.881	152	9077	0.392	ng		0.00
14) 2,4,6-Tribromophenol	15.663	330	1508	0.378	ng		0.00
15) 2-Fluorobiphenyl	12.777	172	13106	0.374	ng		0.00
27) Fluoranthene-d10	18.952	212	17100	0.393	ng		0.00
31) Terphenyl-d14	19.565	244	11734	0.413	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.168	88	2659	0.374	ng		100
3) n-Nitrosodimethylamine	3.464	42	3272	0.392	ng	#	97
6) bis(2-Chloroethyl)ether	6.960	93	6549	0.395	ng		98
9) Naphthalene	10.336	128	16845	0.383	ng		99
10) Hexachlorobutadiene	10.624	225	3503	0.385	ng	#	99
12) 2-Methylnaphthalene	11.956	142	10612	0.392	ng		99
16) Acenaphthylene	13.879	152	13334	0.371	ng		100
17) Acenaphthene	14.221	154	9546	0.382	ng		99
18) Fluorene	15.215	166	12268	0.396	ng		100
20) 4,6-Dinitro-2-methylph...	15.300	198	976	0.365	ng	#	63
21) 4-Bromophenyl-phenylether	16.110	248	3871	0.380	ng	#	76
22) Hexachlorobenzene	16.222	284	4536	0.390	ng		98
23) Atrazine	16.396	200	3084	0.380	ng		96
24) Pentachlorophenol	16.569	266	1739	0.331	ng		100
25) Phenanthrene	16.954	178	19227	0.392	ng		100
26) Anthracene	17.041	178	16069	0.378	ng		100
28) Fluoranthene	18.984	202	21589	0.391	ng		100
30) Pyrene	19.346	202	22035	0.405	ng		100
32) Benzo(a)anthracene	21.103	228	18505	0.391	ng		99
33) Chrysene	21.157	228	19070	0.393	ng		98
34) Bis(2-ethylhexyl)phtha...	21.059	149	10776m	0.401	ng		
36) Indeno(1,2,3-cd)pyrene	25.408	276	19227	0.364	ng		99
37) Benzo(b)fluoranthene	22.636	252	18439	0.408	ng		97
38) Benzo(k)fluoranthene	22.677	252	18881	0.426	ng		99
39) Benzo(a)pyrene	23.183	252	14459	0.383	ng		95
40) Dibenzo(a,h)anthracene	25.425	278	15091	0.359	ng		99
41) Benzo(g,h,i)perylene	26.060	276	15841	0.347	ng		100

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

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