Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
Data File : BN036817.D
Acq On : 03 Apr 2025 11:47
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 04 03:27:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 04 03:26:58 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

04/04/2025
Supervised By :Jagrut Upadhyay

04/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.696	152	2349	0.400	ng		-0.03
7) Naphthalene-d8	10.477	136	5586	0.400	ng		#-0.03
13) Acenaphthene-d10	14.334	164	3520	0.400	ng		-0.03
19) Phenanthrene-d10	17.074	188	7454	0.400	ng		#-0.04
29) Chrysene-d12	21.268	240	6815	0.400	ng		-0.03
35) Perylene-d12	23.514	264	6111	0.400	ng		#-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.283	112	2318	0.423	ng		-0.03
5) Phenol-d6	6.865	99	2819	0.417	ng		-0.04
8) Nitrobenzene-d5	8.843	82	2474	0.407	ng		-0.03
11) 2-Methylnaphthalene-d10	12.070	152	3571	0.430	ng		-0.04
14) 2,4,6-Tribromophenol	15.833	330	626	0.392	ng		-0.02
15) 2-Fluorobiphenyl	12.958	172	7838	0.383	ng		-0.03
27) Fluoranthene-d10	19.113	212	9177	0.480	ng		-0.03
31) Terphenyl-d14	19.717	244	6183	0.379	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	1101	0.423	ng		98
3) n-Nitrosodimethylamine	3.536	42	2104	0.399	ng		95
6) bis(2-Chloroethyl)ether	7.118	93	2915	0.417	ng		99
9) Naphthalene	10.520	128	6775	0.412	ng		99
10) Hexachlorobutadiene	10.819	225	1566	0.405	ng	#	100
12) 2-Methylnaphthalene	12.146	142	4428	0.424	ng		97
16) Acenaphthylene	14.056	152	6382	0.384	ng		100
17) Acenaphthene	14.398	154	4368	0.402	ng		100
18) Fluorene	15.382	166	5998	0.408	ng		100
20) 4,6-Dinitro-2-methylph...	15.478	198	624	0.473	ng	#	68
21) 4-Bromophenyl-phenylether	16.280	248	1850	0.396	ng	#	81
22) Hexachlorobenzene	16.391	284	2163	0.384	ng		99
23) Atrazine	16.553	200	1628	0.435	ng	#	93
24) Pentachlorophenol	16.739	266	1145	0.445	ng		98
25) Phenanthrene	17.124	178	9504	0.425	ng		100
26) Anthracene	17.211	178	8239	0.408	ng		99
28) Fluoranthene	19.146	202	11933	0.475	ng		100
30) Pyrene	19.508	202	12267	0.368	ng		100
32) Benzo(a)anthracene	21.259	228	9912	0.418	ng		99
33) Chrysene	21.304	228	10681	0.413	ng		100
34) Bis(2-ethylhexyl)phtha...	21.196	149	6950	0.412	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.776	276	9523	0.432	ng		98
37) Benzo(b)fluoranthene	22.841	252	9669	0.435	ng		92
38) Benzo(k)fluoranthene	22.885	252	9527m	0.408	ng		
39) Benzo(a)pyrene	23.417	252	8143	0.435	ng	#	89
40) Dibenzo(a,h)anthracene	25.791	278	7424	0.432	ng		92
41) Benzo(g,h,i)perylene	26.464	276	8300	0.423	ng		97

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

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