Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012925\
Data File : BN036112.D
Acq On : 29 Jan 2025 18:06
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 30 00:35:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 00:34:56 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.803	152	2094	0.400	ng		-0.01
7) Naphthalene-d8	10.600	136	4943	0.400	ng		-0.01
13) Acenaphthene-d10	14.437	164	2715	0.400	ng		-0.01
19) Phenanthrene-d10	17.194	188	5698	0.400	ng		# 0.01
29) Chrysene-d12	21.376	240	4562	0.400	ng		0.00
35) Perylene-d12	23.677	264	5021	0.400	ng		# 0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.419	112	2503	0.460	ng		0.03
5) Phenol-d6	7.023	99	3116	0.487	ng		0.05
8) Nitrobenzene-d5	8.956	82	1965	0.421	ng		0.00
11) 2-Methylnaphthalene-d10	12.188	152	2935	0.437	ng		-0.01
14) 2,4,6-Tribromophenol	15.940	330	668	0.384	ng		0.01
15) 2-Fluorobiphenyl	13.068	172	4563	0.377	ng		0.00
27) Fluoranthene-d10	19.220	212	6225	0.422	ng		0.00
31) Terphenyl-d14	19.819	244	4439	0.468	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.303	88	848	0.362	ng		93
3) n-Nitrosodimethylamine	3.614	42	1532	0.361	ng	#	82
6) bis(2-Chloroethyl)ether	7.225	93	2347	0.456	ng		97
9) Naphthalene	10.643	128	5445	0.379	ng		99
10) Hexachlorobutadiene	10.942	225	1612	0.348	ng	#	100
12) 2-Methylnaphthalene	12.264	142	3554	0.399	ng		97
16) Acenaphthylene	14.159	152	5031	0.391	ng		100
17) Acenaphthene	14.501	154	3433	0.389	ng		97
18) Fluorene	15.495	166	4221	0.382	ng		97
20) 4,6-Dinitro-2-methylph...	15.568	198	413	0.311	ng		93
21) 4-Bromophenyl-phenylether	16.387	248	1542	0.380	ng		97
22) Hexachlorobenzene	16.499	284	1993	0.373	ng		97
23) Atrazine	16.660	200	1238	0.422	ng		96
24) Pentachlorophenol	16.859	266	920	0.398	ng		93
25) Phenanthrene	17.231	178	6643	0.388	ng		99
26) Anthracene	17.318	178	5960	0.383	ng		98
28) Fluoranthene	19.253	202	7565	0.376	ng		99
30) Pyrene	19.615	202	7732	0.418	ng		98
32) Benzo(a)anthracene	21.358	228	6361	0.384	ng		97
33) Chrysene	21.411	228	6253	0.370	ng		96
34) Bis(2-ethylhexyl)phtha...	21.295	149	4681	0.516	ng		99
36) Indeno(1,2,3-cd)pyrene	26.019	276	7721	0.383	ng		98
37) Benzo(b)fluoranthene	22.982	252	6433	0.352	ng	#	84
38) Benzo(k)fluoranthene	23.025	252	6417m	0.349	ng		
39) Benzo(a)pyrene	23.575	252	5774	0.370	ng	#	79
40) Dibenzo(a,h)anthracene	26.037	278	6242	0.389	ng	#	89
41) Benzo(g,h,i)perylene	26.738	276	6621	0.378	ng		98

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

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