Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031025\
Data File : BN036572.D
Acq On : 10 Mar 2025 21:26
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

Quant Time: Mar 11 00:53:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.724	152	2507	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	5839	0.400	ng		0.00
13) Acenaphthene-d10	14.366	164	3266	0.400	ng		0.00
19) Phenanthrene-d10	17.111	188	6207	0.400	ng		0.00
29) Chrysene-d12	21.295	240	4431m	0.400	ng		0.00
35) Perylene-d12	23.552	264	4016	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.312	112	2426	0.415	ng		0.00
5) Phenol-d6	6.894	99	2788	0.386	ng		0.00
8) Nitrobenzene-d5	8.875	82	2365	0.372	ng		0.00
11) 2-Methylnaphthalene-d10	12.106	152	3417	0.393	ng		0.00
14) 2,4,6-Tribromophenol	15.858	330	560	0.378	ng		0.00
15) 2-Fluorobiphenyl	12.988	172	7865	0.414	ng		0.00
27) Fluoranthene-d10	19.141	212	6646	0.418	ng		0.00
31) Terphenyl-d14	19.745	244	4195	0.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	1303	0.469	ng		96
3) n-Nitrosodimethylamine	3.557	42	2276	0.405	ng		94
6) bis(2-Chloroethyl)ether	7.147	93	2938	0.394	ng		99
9) Naphthalene	10.562	128	6870	0.400	ng		100
10) Hexachlorobutadiene	10.851	225	1723	0.426	ng	#	99
12) 2-Methylnaphthalene	12.182	142	4313	0.395	ng		99
16) Acenaphthylene	14.078	152	6346	0.412	ng		100
17) Acenaphthene	14.420	154	4153	0.412	ng		99
18) Fluorene	15.414	166	5592	0.410	ng		99
20) 4,6-Dinitro-2-methylph...	15.500	198	439	0.423	ng		99
21) 4-Bromophenyl-phenylether	16.305	248	1638	0.421	ng		94
22) Hexachlorobenzene	16.416	284	2099	0.447	ng		98
23) Atrazine	16.578	200	1291	0.414	ng		98
24) Pentachlorophenol	16.764	266	802	0.375	ng		100
25) Phenanthrene	17.149	178	7873	0.423	ng		99
26) Anthracene	17.248	178	6961	0.414	ng		99
28) Fluoranthene	19.169	202	8718	0.417	ng		100
30) Pyrene	19.536	202	8800	0.406	ng		100
32) Benzo(a)anthracene	21.277	228	5953	0.386	ng		98
33) Chrysene	21.331	228	7391	0.439	ng		99
34) Bis(2-ethylhexyl)phtha...	21.214	149	3997	0.364	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.835	276	6596	0.455	ng		98
37) Benzo(b)fluoranthene	22.873	252	6161	0.422	ng		98
38) Benzo(k)fluoranthene	22.917	252	6664m	0.435	ng		
39) Benzo(a)pyrene	23.455	252	5508	0.448	ng		97
40) Dibenzo(a,h)anthracene	25.852	278	5154	0.457	ng		95
41) Benzo(g,h,i)perylene	26.522	276	5982	0.463	ng		98

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

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