Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051425\
Data File : BN037009.D
Acq On : 14 May 2025 10:31
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 14 11:28:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/15/2025
Supervised By :Jagrut Upadhyay 05/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.618	152	1633	0.40	ng	0.00
7) Naphthalene-d8	10.394	136	4300	0.40	ng	#-0.01
13) Acenaphthene-d10	14.267	164	2444	0.40	ng	0.00
19) Phenanthrene-d10	17.009	188	4780	0.40	ng	0.00
29) Chrysene-d12	21.215	240	4137	0.40	ng	# 0.00
35) Perylene-d12	23.421	264	4043	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	1761	0.41	ng	0.00
5) Phenol-d6	6.788	99	2128	0.40	ng	0.00
8) Nitrobenzene-d5	8.760	82	1748	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	11.996	152	2373	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	429	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.883	172	4521	0.40	ng	0.00
27) Fluoranthene-d10	19.049	212	5092	0.39	ng	0.00
31) Terphenyl-d14	19.658	244	3691	0.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.141	88	732m	0.37	ng	
3) n-Nitrosodimethylamine	3.458	42	1610	0.37	ng	# 93
6) bis(2-Chloroethyl)ether	7.048	93	1864	0.38	ng	99
9) Naphthalene	10.447	128	4917	0.39	ng	99
10) Hexachlorobutadiene	10.735	225	1070	0.40	ng	# 99
12) 2-Methylnaphthalene	12.072	142	3206	0.39	ng	99
16) Acenaphthylene	13.978	152	4609	0.39	ng	99
17) Acenaphthene	14.331	154	3074	0.40	ng	100
18) Fluorene	15.314	166	4034	0.40	ng	99
20) 4,6-Dinitro-2-methylph...	15.411	198	390	0.42	ng	92
21) 4-Bromophenyl-phenylether	16.214	248	1206	0.40	ng	99
22) Hexachlorobenzene	16.326	284	1358	0.42	ng	99
23) Atrazine	16.487	200	1010	0.38	ng	99
24) Pentachlorophenol	16.674	266	679	0.38	ng	96
25) Phenanthrene	17.058	178	6280	0.40	ng	100
26) Anthracene	17.145	178	5522	0.39	ng	99
28) Fluoranthene	19.082	202	7218	0.39	ng	99
30) Pyrene	19.444	202	7317	0.41	ng	100
32) Benzo(a)anthracene	21.198	228	6036	0.39	ng	99
33) Chrysene	21.251	228	6845	0.42	ng	97
34) Bis(2-ethylhexyl)phtha...	21.144	149	3623	0.38	ng	99
36) Indeno(1,2,3-cd)pyrene	25.631	276	6635	0.40	ng	99
37) Benzo(b)fluoranthene	22.758	252	6597	0.39	ng	99
38) Benzo(k)fluoranthene	22.801	252	6556	0.40	ng	99
39) Benzo(a)pyrene	23.322	252	5536	0.39	ng	98
40) Dibenzo(a,h)anthracene	25.646	278	5097	0.40	ng	98
41) Benzo(g,h,i)perylene	26.310	276	5763	0.41	ng	98

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

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