Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
Data File : BN037355.D
Acq On : 20 Jun 2025 18:03
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 20 23:26:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 23:25:11 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/23/2025
Supervised By :Jagrut Upadhyay 06/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.568	152	1912	0.400	ng		0.00
7) Naphthalene-d8	10.340	136	4157	0.400	ng	#	0.00
13) Acenaphthene-d10	14.213	164	2811	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	5776	0.400	ng	#	0.00
29) Chrysene-d12	21.171	240	4813	0.400	ng	#	0.00
35) Perylene-d12	23.354	264	4943	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.163	112	1436	0.411	ng		0.00
5) Phenol-d6	6.752	99	1465	0.424	ng		0.00
8) Nitrobenzene-d5	8.717	82	1327	0.385	ng		0.00
11) 2-Methylnaphthalene-d10	11.945	152	2768	0.411	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	646	0.321	ng		0.00
15) 2-Fluorobiphenyl	12.838	172	4996	0.405	ng		0.00
27) Fluoranthene-d10	19.008	212	6705	0.373	ng		0.00
31) Terphenyl-d14	19.616	244	4452	0.405	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	745	0.441	ng		94
3) n-Nitrosodimethylamine	3.422	42	754	0.383	ng		81
6) bis(2-Chloroethyl)ether	7.004	93	1351	0.446	ng		94
9) Naphthalene	10.394	128	4347	0.403	ng	#	89
10) Hexachlorobutadiene	10.682	225	1832	0.348	ng	#	99
12) 2-Methylnaphthalene	12.021	142	2957	0.390	ng		92
16) Acenaphthylene	13.935	152	4490	0.381	ng		99
17) Acenaphthene	14.277	154	2983	0.381	ng		98
18) Fluorene	15.272	166	4232	0.382	ng		100
20) 4,6-Dinitro-2-methylph...	15.368	198	459	0.263	ng		89
21) 4-Bromophenyl-phenylether	16.165	248	1611	0.342	ng	#	85
22) Hexachlorobenzene	16.276	284	1814	0.369	ng		98
23) Atrazine	16.450	200	1262	0.342	ng	#	85
24) Pentachlorophenol	16.624	266	792	0.293	ng		98
25) Phenanthrene	17.009	178	6374	0.391	ng		99
26) Anthracene	17.108	178	5717	0.375	ng		98
28) Fluoranthene	19.040	202	7896	0.354	ng	#	98
30) Pyrene	19.402	202	7990	0.434	ng		100
32) Benzo(a)anthracene	21.153	228	5851	0.377	ng		98
33) Chrysene	21.207	228	7754	0.394	ng		98
34) Bis(2-ethylhexyl)phtha...	21.099	149	2603	0.409	ng		98
36) Indeno(1,2,3-cd)pyrene	25.541	276	8379	0.400	ng	#	93
37) Benzo(b)fluoranthene	22.702	252	7138m	0.407	ng		
38) Benzo(k)fluoranthene	22.746	252	7755	0.407	ng		95
39) Benzo(a)pyrene	23.257	252	6298	0.393	ng	#	92
40) Dibenzo(a,h)anthracene	25.555	278	6108	0.366	ng	#	88
41) Benzo(g,h,i)perylene	26.204	276	7852	0.408	ng		95

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

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