Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051425\
Data File : BN037000.D
Acq On : 13 May 2025 18:17
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 14 11:00:10 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 10:57:36 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

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	2140	0.400	ng		0.00
7) Naphthalene-d8	10.404	136	5637	0.400	ng		0.00
13) Acenaphthene-d10	14.266	164	3174	0.400	ng		0.00
19) Phenanthrene-d10	17.009	188	6255	0.400	ng		0.00
29) Chrysene-d12	21.206	240	5420	0.400	ng		0.00
35) Perylene-d12	23.415	264	5487	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.213	112	1178	0.210	ng		0.00
5) Phenol-d6	6.795	99	1395	0.199	ng		0.00
8) Nitrobenzene-d5	8.771	82	1080	0.176	ng		0.00
11) 2-Methylnaphthalene-d10	11.996	152	1543	0.194	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	267	0.192	ng		0.00
15) 2-Fluorobiphenyl	12.888	172	2858	0.197	ng		0.00
27) Fluoranthene-d10	19.049	212	3232	0.188	ng		0.00
31) Terphenyl-d14	19.658	244	2287	0.197	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.140	88	546	0.208	ng		97
3) n-Nitrosodimethylamine	3.458	42	1042	0.185	ng	#	95
6) bis(2-Chloroethyl)ether	7.048	93	1244	0.193	ng		99
9) Naphthalene	10.447	128	3213	0.193	ng		99
10) Hexachlorobutadiene	10.746	225	698	0.200	ng	#	99
12) 2-Methylnaphthalene	12.072	142	2041	0.191	ng		99
16) Acenaphthylene	13.978	152	2917	0.189	ng		99
17) Acenaphthene	14.331	154	1950	0.193	ng		99
18) Fluorene	15.325	166	2509	0.189	ng		99
20) 4,6-Dinitro-2-methylph...	15.410	198	187	0.167	ng	#	48
21) 4-Bromophenyl-phenylether	16.214	248	770	0.195	ng		99
22) Hexachlorobenzene	16.326	284	840	0.199	ng		98
23) Atrazine	16.487	200	647	0.188	ng		98
24) Pentachlorophenol	16.673	266	419	0.178	ng		98
25) Phenanthrene	17.058	178	3977	0.195	ng		100
26) Anthracene	17.145	178	3452	0.186	ng		99
28) Fluoranthene	19.082	202	4499	0.184	ng		99
30) Pyrene	19.444	202	4629	0.200	ng		100
32) Benzo(a)anthracene	21.197	228	3882	0.190	ng		98
33) Chrysene	21.251	228	4226	0.196	ng		98
34) Bis(2-ethylhexyl)phtha...	21.135	149	2490	0.198	ng		99
36) Indeno(1,2,3-cd)pyrene	25.628	276	4426	0.198	ng		99
37) Benzo(b)fluoranthene	22.757	252	4306m	0.189	ng		
38) Benzo(k)fluoranthene	22.798	252	4219	0.188	ng	#	91
39) Benzo(a)pyrene	23.322	252	3685	0.191	ng	#	88
40) Dibenzo(a,h)anthracene	25.646	278	3380	0.194	ng		94
41) Benzo(g,h,i)perylene	26.301	276	3861	0.204	ng		96

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

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