Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
Data File : BN037314.D
Acq On : 18 Jun 2025 14:42
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 06/19/2025
Supervised By :mohammad ahmed 06/23/2025

Quant Time: Jun 18 18:32:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 18 18:27:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	715	0.400	ng		0.00
7) Naphthalene-d8	10.351	136	1542	0.400	ng		0.00
13) Acenaphthene-d10	14.224	164	1109	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	2337	0.400	ng		0.00
29) Chrysene-d12	21.180	240	2507	0.400	ng		0.00
35) Perylene-d12	23.363	264	2797	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.170	112	270	0.208	ng		0.00
5) Phenol-d6	6.759	99	221	0.173	ng		0.00
8) Nitrobenzene-d5	8.739	82	202	0.160	ng		0.01
11) 2-Methylnaphthalene-d10	11.961	152	451	0.180	ng		0.01
14) 2,4,6-Tribromophenol	15.730	330	152	0.191	ng		0.01
15) 2-Fluorobiphenyl	12.853	172	907	0.187	ng		0.01
27) Fluoranthene-d10	19.017	212	1458	0.197	ng		0.00
31) Terphenyl-d14	19.630	244	1097	0.191	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	151	0.237	ng		96
3) n-Nitrosodimethylamine	3.429	42	171	0.231	ng		92
6) bis(2-Chloroethyl)ether	7.012	93	185	0.169	ng		95
9) Naphthalene	10.404	128	780	0.196	ng	#	92
10) Hexachlorobutadiene	10.693	225	418	0.207	ng	#	99
12) 2-Methylnaphthalene	12.031	142	536	0.191	ng		95
16) Acenaphthylene	13.935	152	890	0.191	ng		99
17) Acenaphthene	14.288	154	618	0.199	ng		95
18) Fluorene	15.282	166	844	0.192	ng		100
20) 4,6-Dinitro-2-methylph...	15.389	198	128m	0.183	ng		
21) 4-Bromophenyl-phenylether	16.177	248	389	0.201	ng	#	92
22) Hexachlorobenzene	16.289	284	441	0.217	ng		95
23) Atrazine	16.463	200	306	0.202	ng		94
24) Pentachlorophenol	16.636	266	229	0.204	ng		90
25) Phenanthrene	17.021	178	1258	0.191	ng		99
26) Anthracene	17.108	178	1168	0.189	ng		96
28) Fluoranthene	19.045	202	1799	0.197	ng		99
30) Pyrene	19.407	202	1856	0.194	ng		99
32) Benzo(a)anthracene	21.162	228	1461	0.181	ng		94
33) Chrysene	21.216	228	2167	0.210	ng		98
34) Bis(2-ethylhexyl)phtha...	21.099	149	714	0.216	ng	#	94
36) Indeno(1,2,3-cd)pyrene	25.561	276	2171	0.185	ng	#	98
37) Benzo(b)fluoranthene	22.711	252	1740	0.178	ng	#	87
38) Benzo(k)fluoranthene	22.755	252	2013	0.188	ng	#	90
39) Benzo(a)pyrene	23.269	252	1711	0.189	ng	#	85
40) Dibenzo(a,h)anthracene	25.573	278	1742m	0.186	ng		
41) Benzo(g,h,i)perylene	26.216	276	2056	0.191	ng	#	95

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

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