Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090925\
Data File : BN037674.D
Acq On : 09 Sep 2025 20:45
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN090925

Quant Time: Sep 10 04:11:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 10 02:02:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.847	152	5543	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	15284	0.400	ng		0.00
13) Acenaphthene-d10	14.495	164	7827	0.400	ng		0.00
19) Phenanthrene-d10	17.235	188	13881	0.400	ng		#-0.01
29) Chrysene-d12	21.411	240	11300	0.400	ng		# 0.00
35) Perylene-d12	23.744	264	11536	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	5520	0.389	ng		0.00
5) Phenol-d6	6.988	99	7108	0.399	ng		0.00
8) Nitrobenzene-d5	8.993	82	4325	0.459	ng		0.00
11) 2-Methylnaphthalene-d10	12.243	152	9174	0.427	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	830	0.381	ng		0.00
15) 2-Fluorobiphenyl	13.126	172	15027	0.488	ng		0.00
27) Fluoranthene-d10	19.271	212	14894	0.416	ng		0.00
31) Terphenyl-d14	19.870	244	11595	0.487	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	2539	0.422	ng		98
3) n-Nitrosodimethylamine	3.608	42	3050	0.403	ng	#	96
6) bis(2-Chloroethyl)ether	7.262	93	6313	0.419	ng		99
9) Naphthalene	10.701	128	16929	0.409	ng		100
10) Hexachlorobutadiene	11.000	225	3105	0.424	ng	#	98
12) 2-Methylnaphthalene	12.319	142	10166	0.379	ng		99
16) Acenaphthylene	14.217	152	16164	0.442	ng		100
17) Acenaphthene	14.559	154	9742	0.415	ng		99
18) Fluorene	15.535	166	11826	0.412	ng		99
20) 4,6-Dinitro-2-methylph...	15.609	198	314	0.406	ng	#	72
21) 4-Bromophenyl-phenylether	16.441	248	3811	0.419	ng		94
22) Hexachlorobenzene	16.553	284	4243	0.442	ng		98
23) Atrazine	16.702	200	2371	0.417	ng		98
24) Pentachlorophenol	16.888	266	1057	0.328	ng		97
25) Phenanthrene	17.285	178	17882	0.421	ng		100
26) Anthracene	17.372	178	16641	0.423	ng		99
28) Fluoranthene	19.299	202	19002	0.399	ng		100
30) Pyrene	19.657	202	18987	0.421	ng		99
32) Benzo(a)anthracene	21.393	228	17190	0.426	ng		99
33) Chrysene	21.447	228	18012	0.440	ng		99
34) Bis(2-ethylhexyl)phtha...	21.349	149	4405	0.393	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.139	276	19883	0.455	ng		99
37) Benzo(b)fluoranthene	23.043	252	18236	0.429	ng		99
38) Benzo(k)fluoranthene	23.090	252	18290	0.437	ng		100
39) Benzo(a)pyrene	23.642	252	16146	0.456	ng		100
40) Dibenzo(a,h)anthracene	26.157	278	15807	0.481	ng		97
41) Benzo(g,h,i)perylene	26.864	276	17019	0.429	ng		100

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

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