Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060325\
Data File : BN037150.D
Acq On : 03 Jun 2025 15:53
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN060325

Quant Time: Jun 04 01:54:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.597	152	2254	0.400	ng		0.00
7) Naphthalene-d8	10.372	136	5892	0.400	ng		0.00
13) Acenaphthene-d10	14.245	164	3320	0.400	ng		0.01
19) Phenanthrene-d10	16.984	188	6332	0.400	ng		0.00
29) Chrysene-d12	21.189	240	4292	0.400	ng		0.00
35) Perylene-d12	23.377	264	3564	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.184	112	2014	0.361	ng		0.00
5) Phenol-d6	6.773	99	2419	0.358	ng		0.00
8) Nitrobenzene-d5	8.739	82	2473	0.398	ng		0.00
11) 2-Methylnaphthalene-d10	11.971	152	3266	0.398	ng		0.00
14) 2,4,6-Tribromophenol	15.743	330	440	0.329	ng		0.00
15) 2-Fluorobiphenyl	12.858	172	5696	0.402	ng		0.00
27) Fluoranthene-d10	19.026	212	6037	0.375	ng		0.00
31) Terphenyl-d14	19.635	244	4196	0.415	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	1242	0.413	ng		98
3) n-Nitrosodimethylamine	3.437	42	2355	0.390	ng		100
6) bis(2-Chloroethyl)ether	7.026	93	2715	0.421	ng		100
9) Naphthalene	10.426	128	6699	0.394	ng		98
10) Hexachlorobutadiene	10.714	225	1489	0.402	ng	#	99
12) 2-Methylnaphthalene	12.047	142	3839	0.352	ng		96
16) Acenaphthylene	13.957	152	6575	0.404	ng		100
17) Acenaphthene	14.299	154	3940	0.373	ng		100
18) Fluorene	15.293	166	5182	0.373	ng		99
20) 4,6-Dinitro-2-methylph...	15.389	198	348	0.462	ng		84
21) 4-Bromophenyl-phenylether	16.189	248	1544	0.372	ng		98
22) Hexachlorobenzene	16.301	284	1743	0.389	ng		99
23) Atrazine	16.463	200	1282	0.374	ng		97
24) Pentachlorophenol	16.661	266	591	0.436	ng		97
25) Phenanthrene	17.033	178	7869	0.384	ng		100
26) Anthracene	17.120	178	7105	0.380	ng		99
28) Fluoranthene	19.054	202	8186	0.361	ng		99
30) Pyrene	19.421	202	8148	0.389	ng		99
32) Benzo(a)anthracene	21.171	228	5949	0.383	ng		99
33) Chrysene	21.224	228	6661	0.385	ng		99
34) Bis(2-ethylhexyl)phtha...	21.117	149	3635	0.371	ng		99
36) Indeno(1,2,3-cd)pyrene	25.573	276	5461	0.385	ng		100
37) Benzo(b)fluoranthene	22.720	252	5432	0.378	ng		100
38) Benzo(k)fluoranthene	22.763	252	5859	0.399	ng		100
39) Benzo(a)pyrene	23.281	252	4925	0.409	ng		99
40) Dibenzo(a,h)anthracene	25.588	278	4227	0.387	ng		100
41) Benzo(g,h,i)perylene	26.248	276	4620	0.368	ng		98

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

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