Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081225\
Data File : BN037580.D
Acq On : 12 Aug 2025 17:39
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Aug 13 04:48:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 04:46:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.717	152	2104	0.400	ng		0.00
7) Naphthalene-d8	10.498	136	5140	0.400	ng		0.00
13) Acenaphthene-d10	14.345	164	2534	0.400	ng		0.00
19) Phenanthrene-d10	17.086	188	5032	0.400	ng		0.00
29) Chrysene-d12	21.277	240	4317	0.400	ng		0.00
35) Perylene-d12	23.507	264	4188	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	1869	0.392	ng		0.00
5) Phenol-d6	6.879	99	2197	0.383	ng		0.00
8) Nitrobenzene-d5	8.854	82	1348	0.372	ng		0.00
11) 2-Methylnaphthalene-d10	12.090	152	2609	0.373	ng		0.00
14) 2,4,6-Tribromophenol	15.833	330	396	0.357	ng		0.00
15) 2-Fluorobiphenyl	12.978	172	5829	0.398	ng		0.00
27) Fluoranthene-d10	19.122	212	4801	0.363	ng		0.00
31) Terphenyl-d14	19.726	244	3436	0.387	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	832	0.413	ng		99
3) n-Nitrosodimethylamine	3.543	42	1027	0.399	ng		100
6) bis(2-Chloroethyl)ether	7.139	93	2053	0.397	ng		100
9) Naphthalene	10.551	128	5329	0.389	ng		100
10) Hexachlorobutadiene	10.850	225	1347	0.403	ng	#	100
12) 2-Methylnaphthalene	12.166	142	3264	0.380	ng		100
16) Acenaphthylene	14.067	152	4334	0.382	ng		100
17) Acenaphthene	14.409	154	2969	0.384	ng		100
18) Fluorene	15.392	166	3861	0.382	ng		100
20) 4,6-Dinitro-2-methylph...	15.467	198	231	0.433	ng		100
21) 4-Bromophenyl-phenylether	16.292	248	1177	0.372	ng		100
22) Hexachlorobenzene	16.404	284	1790	0.399	ng		100
23) Atrazine	16.553	200	654	0.366	ng		100
24) Pentachlorophenol	16.739	266	571	0.363	ng		100
25) Phenanthrene	17.124	178	5887	0.385	ng		100
26) Anthracene	17.223	178	5009	0.370	ng		100
28) Fluoranthene	19.150	202	6535	0.372	ng		100
30) Pyrene	19.512	202	6320	0.392	ng		100
32) Benzo(a)anthracene	21.259	228	5452	0.378	ng		100
33) Chrysene	21.304	228	6185	0.385	ng		100
34) Bis(2-ethylhexyl)phtha...	21.205	149	2252	0.378	ng		100
36) Indeno(1,2,3-cd)pyrene	25.767	276	6753	0.383	ng		100
37) Benzo(b)fluoranthene	22.838	252	5604	0.353	ng		100
38) Benzo(k)fluoranthene	22.882	252	6915	0.386	ng		100
39) Benzo(a)pyrene	23.411	252	4812	0.366	ng		100
40) Dibenzo(a,h)anthracene	25.788	278	5118	0.374	ng		100
41) Benzo(g,h,i)perylene	26.454	276	5284	0.366	ng		100

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

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