Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081225\
Data File : BN037577.D
Acq On : 12 Aug 2025 15:49
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 13 04:47:10 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	2435	0.400	ng		0.00
7) Naphthalene-d8	10.498	136	6133	0.400	ng		0.00
13) Acenaphthene-d10	14.345	164	2925	0.400	ng		0.00
19) Phenanthrene-d10	17.087	188	5690	0.400	ng		0.00
29) Chrysene-d12	21.277	240	5657	0.400	ng		0.00
35) Perylene-d12	23.508	264	4838	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	2253	0.408	ng		0.00
5) Phenol-d6	6.879	99	2703	0.407	ng		0.00
8) Nitrobenzene-d5	8.854	82	1657	0.384	ng		0.00
11) 2-Methylnaphthalene-d10	12.091	152	3072	0.368	ng		0.00
14) 2,4,6-Tribromophenol	15.833	330	425	0.332	ng		0.00
15) 2-Fluorobiphenyl	12.973	172	6763	0.400	ng		0.00
27) Fluoranthene-d10	19.122	212	5295	0.354	ng		0.00
31) Terphenyl-d14	19.726	244	3831	0.329	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	941	0.404	ng		98
3) n-Nitrosodimethylamine	3.536	42	1124	0.378	ng	#	94
6) bis(2-Chloroethyl)ether	7.139	93	2443	0.408	ng		98
9) Naphthalene	10.541	128	6338	0.388	ng		99
10) Hexachlorobutadiene	10.851	225	1500	0.376	ng	#	99
12) 2-Methylnaphthalene	12.162	142	3850	0.376	ng		99
16) Acenaphthylene	14.067	152	4983	0.380	ng		99
17) Acenaphthene	14.409	154	3478	0.390	ng		98
18) Fluorene	15.393	166	4364	0.374	ng		99
20) 4,6-Dinitro-2-methylph...	15.467	198	240	0.413	ng		98
21) 4-Bromophenyl-phenylether	16.292	248	1378	0.385	ng		95
22) Hexachlorobenzene	16.404	284	1985	0.392	ng		100
23) Atrazine	16.553	200	662	0.327	ng		99
24) Pentachlorophenol	16.739	266	643	0.361	ng		98
25) Phenanthrene	17.124	178	6623	0.383	ng		100
26) Anthracene	17.223	178	5564	0.363	ng		100
28) Fluoranthene	19.150	202	7242	0.364	ng		99
30) Pyrene	19.513	202	7146	0.338	ng		100
32) Benzo(a)anthracene	21.259	228	7605	0.402	ng		99
33) Chrysene	21.313	228	8254	0.392	ng		99
34) Bis(2-ethylhexyl)phtha...	21.205	149	2677	0.343	ng		93
36) Indeno(1,2,3-cd)pyrene	25.773	276	7647	0.375	ng		99
37) Benzo(b)fluoranthene	22.838	252	6567	0.358	ng		100
38) Benzo(k)fluoranthene	22.882	252	7652	0.370	ng		99
39) Benzo(a)pyrene	23.414	252	6058	0.398	ng		100
40) Dibenzo(a,h)anthracene	25.791	278	5699	0.360	ng		99
41) Benzo(g,h,i)perylene	26.458	276	6033	0.362	ng		99

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

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