Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071125\
Data File : BN037469.D
Acq On : 11 Jul 2025 12:22
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Jul 11 15:26:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 11 15:17:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.732	152	1754	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	4116	0.400	ng		0.00
13) Acenaphthene-d10	14.366	164	1977	0.400	ng		0.00
19) Phenanthrene-d10	17.099	188	3577	0.400	ng		0.00
29) Chrysene-d12	21.286	240	2684	0.400	ng		0.00
35) Perylene-d12	23.528	264	2478	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	1633	0.400	ng		0.00
5) Phenol-d6	6.894	99	2058	0.401	ng		0.00
8) Nitrobenzene-d5	8.865	82	1134	0.380	ng		0.00
11) 2-Methylnaphthalene-d10	12.106	152	2104	0.376	ng		0.00
14) 2,4,6-Tribromophenol	15.845	330	241	0.359	ng		0.00
15) 2-Fluorobiphenyl	12.988	172	4556	0.404	ng		0.00
27) Fluoranthene-d10	19.132	212	3252	0.360	ng		0.00
31) Terphenyl-d14	19.740	244	2203	0.393	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	675	0.410	ng		100
3) n-Nitrosodimethylamine	3.557	42	876	0.398	ng		100
6) bis(2-Chloroethyl)ether	7.154	93	1702	0.396	ng		100
9) Naphthalene	10.562	128	4329	0.391	ng		100
10) Hexachlorobutadiene	10.861	225	1057	0.398	ng	#	100
12) 2-Methylnaphthalene	12.182	142	2659	0.384	ng		100
16) Acenaphthylene	14.078	152	3482	0.386	ng		100
17) Acenaphthene	14.420	154	2341	0.387	ng		100
18) Fluorene	15.414	166	2929	0.385	ng		100
20) 4,6-Dinitro-2-methylph...	15.478	198	139	0.346	ng		100
21) 4-Bromophenyl-phenylether	16.305	248	844	0.378	ng		100
22) Hexachlorobenzene	16.416	284	1215	0.395	ng		100
23) Atrazine	16.565	200	411	0.370	ng		100
24) Pentachlorophenol	16.751	266	360	0.340	ng		100
25) Phenanthrene	17.136	178	4140	0.380	ng		100
26) Anthracene	17.235	178	3627	0.369	ng		100
28) Fluoranthene	19.164	202	4365	0.365	ng		100
30) Pyrene	19.527	202	4278	0.396	ng		100
32) Benzo(a)anthracene	21.268	228	3467	0.381	ng		100
33) Chrysene	21.322	228	3930	0.396	ng		100
34) Bis(2-ethylhexyl)phtha...	21.223	149	1211	0.392	ng		100
36) Indeno(1,2,3-cd)pyrene	25.800	276	3450	0.359	ng		100
37) Benzo(b)fluoranthene	22.856	252	3496	0.363	ng		100
38) Benzo(k)fluoranthene	22.899	252	3550	0.363	ng		100
39) Benzo(a)pyrene	23.429	252	2854	0.368	ng		100
40) Dibenzo(a,h)anthracene	25.820	278	2738	0.353	ng		100
41) Benzo(g,h,i)perylene	26.490	276	3138	0.369	ng		100

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

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